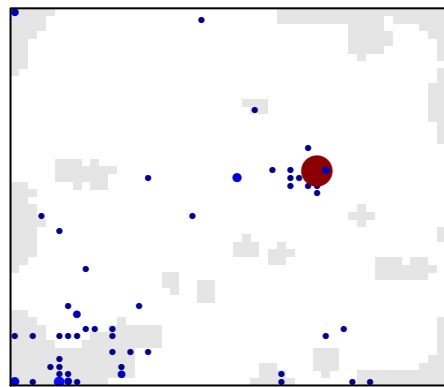


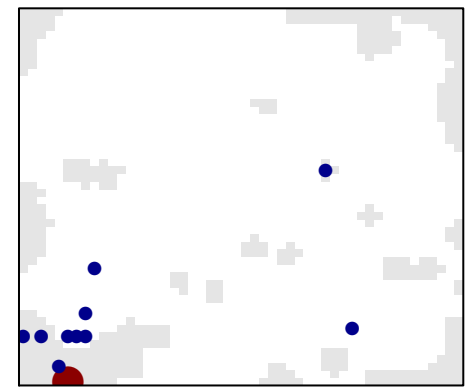
Complement and coagulation cascade

all genes

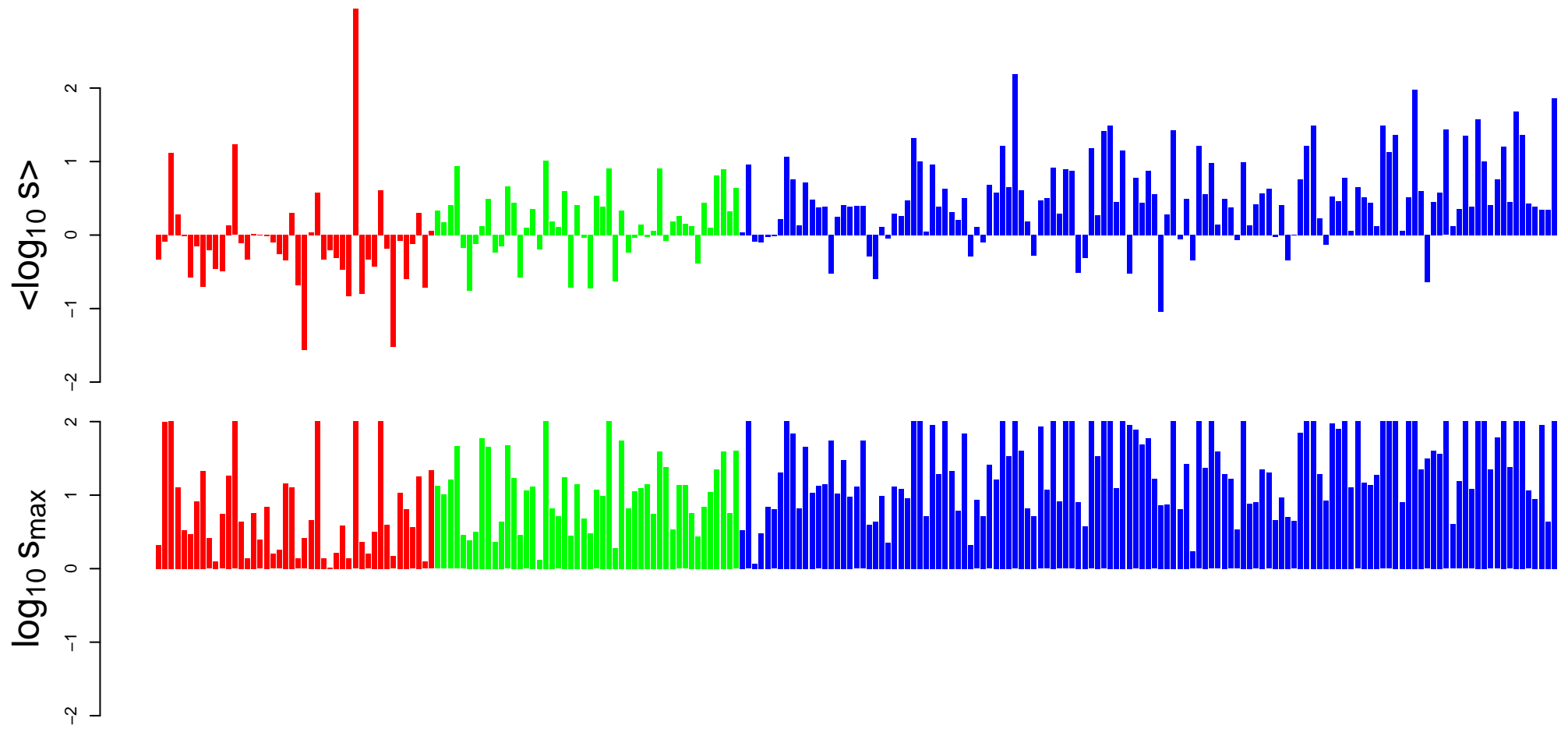


maximum = 18

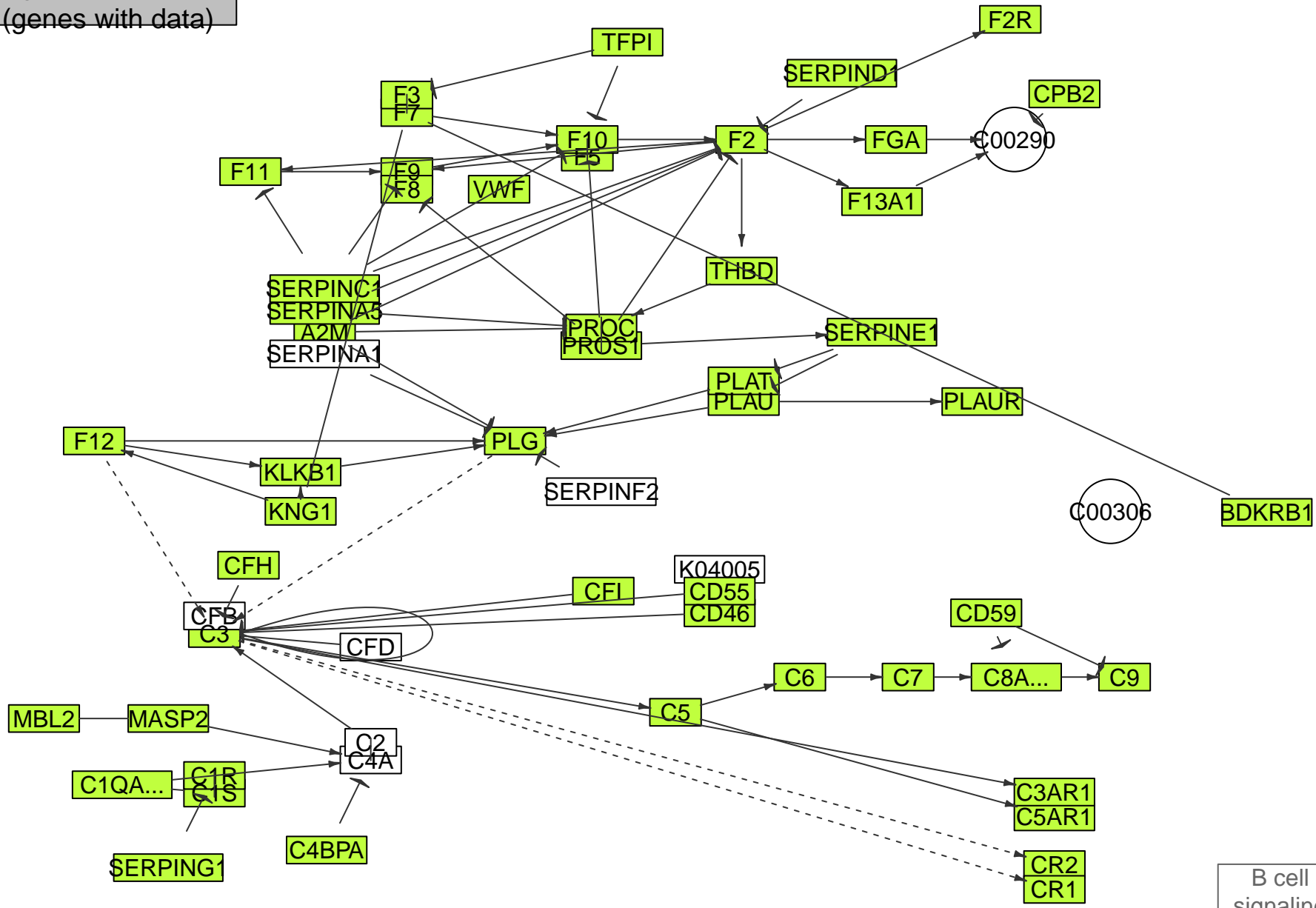
sink node genes



maximum = 3

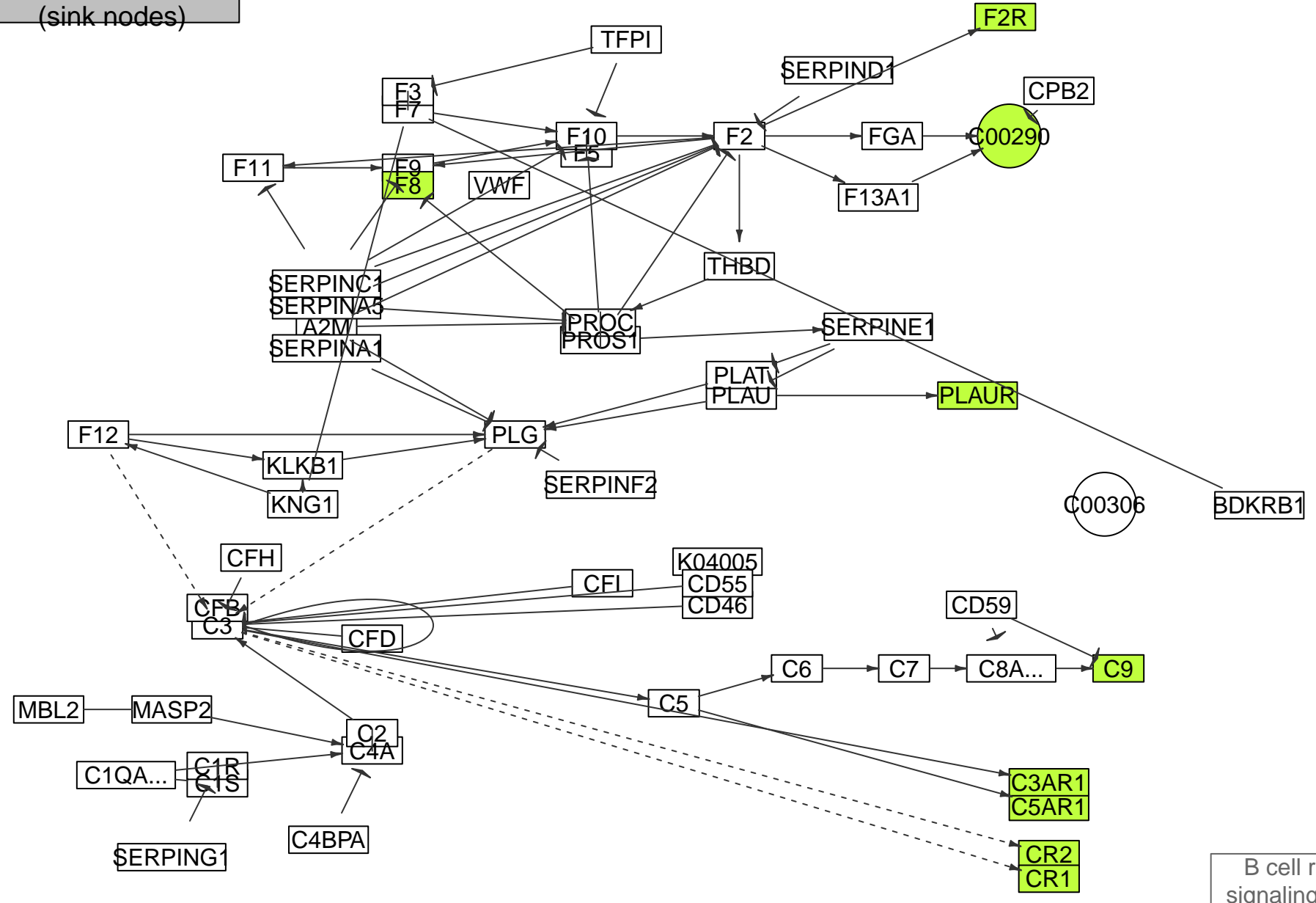


Complement and
coagulation cascades
(genes with data)



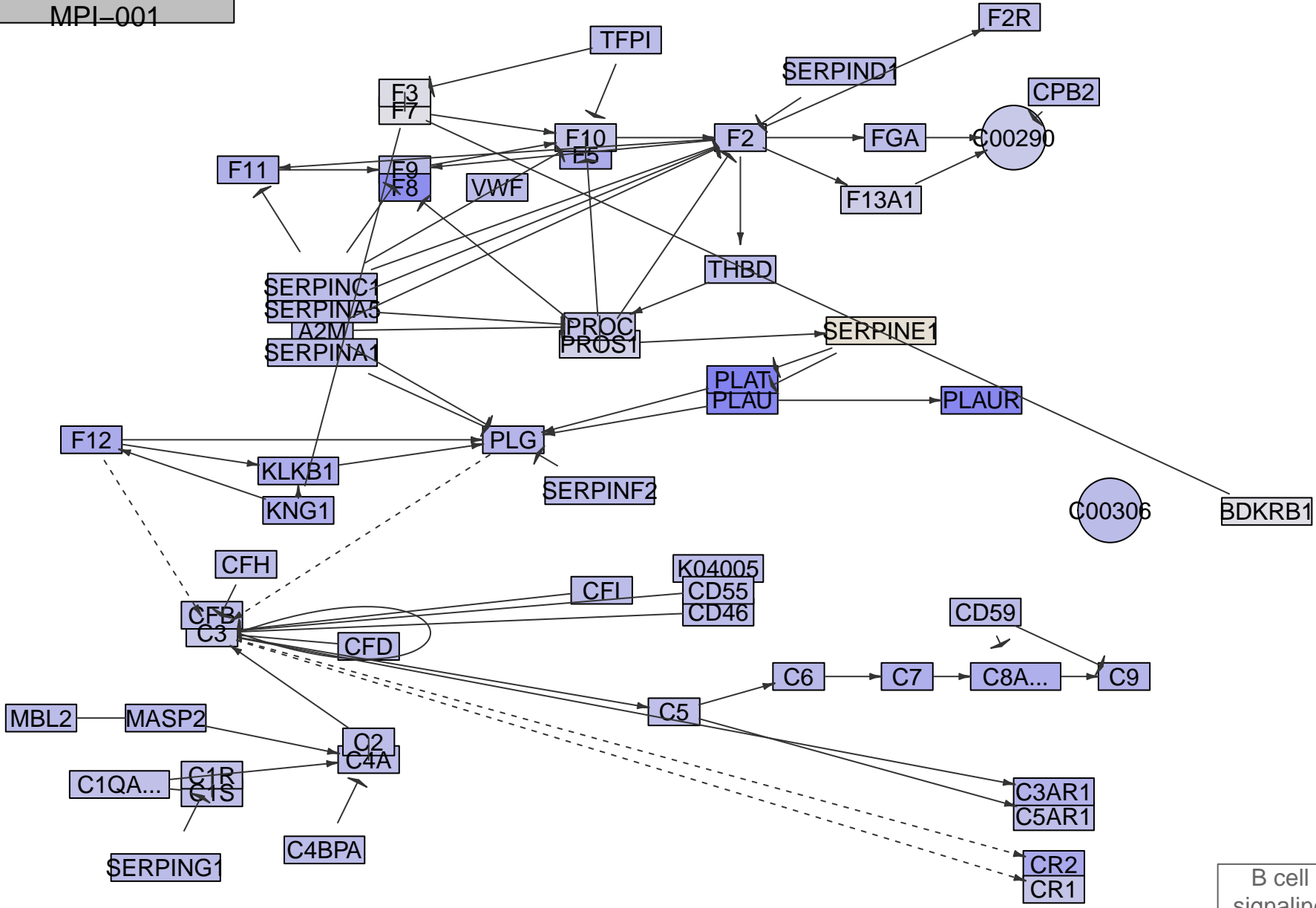
B cell receptor
signaling pathway

Complement and coagulation cascades (sink nodes)



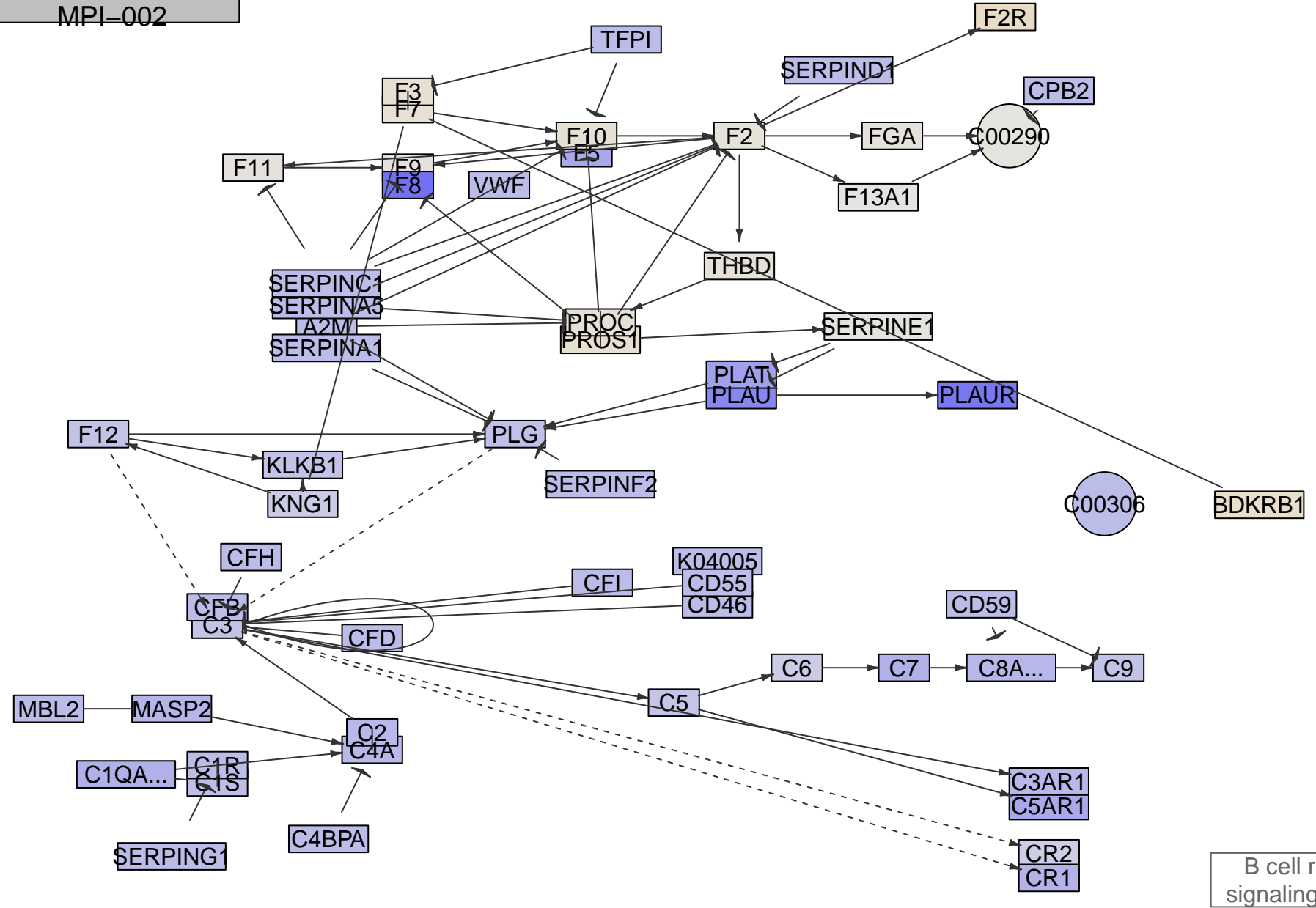
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-001



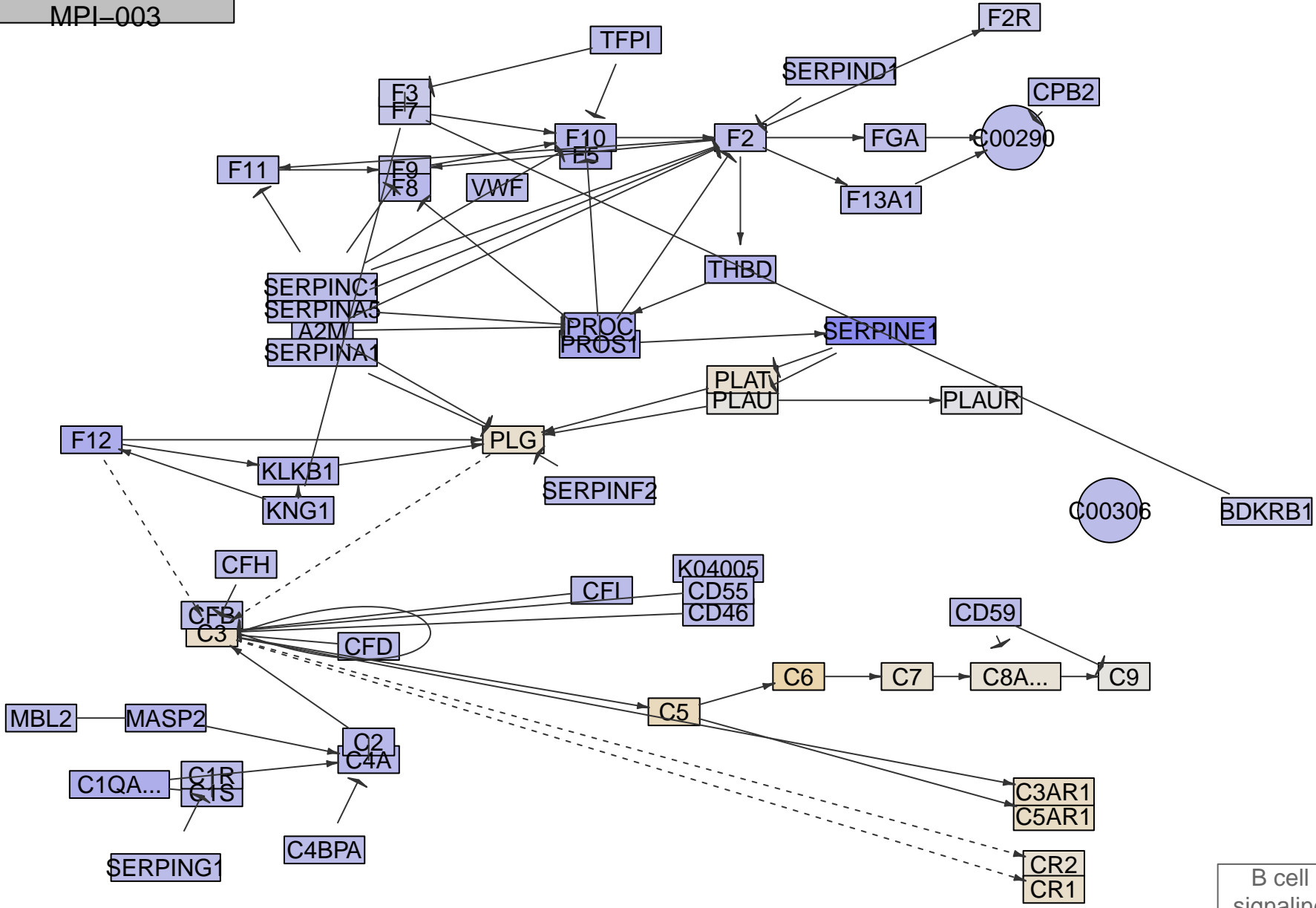
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-002



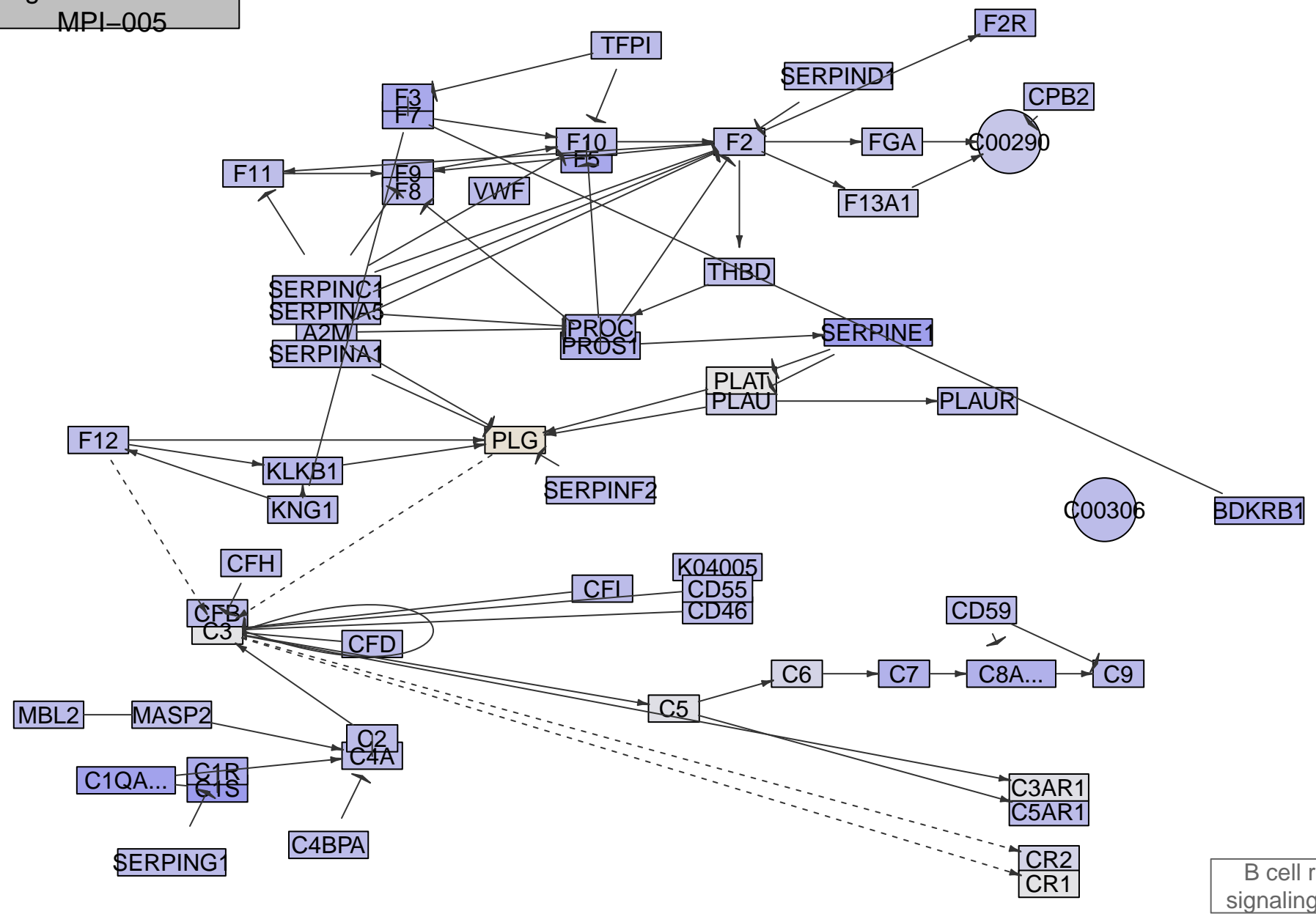
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-003

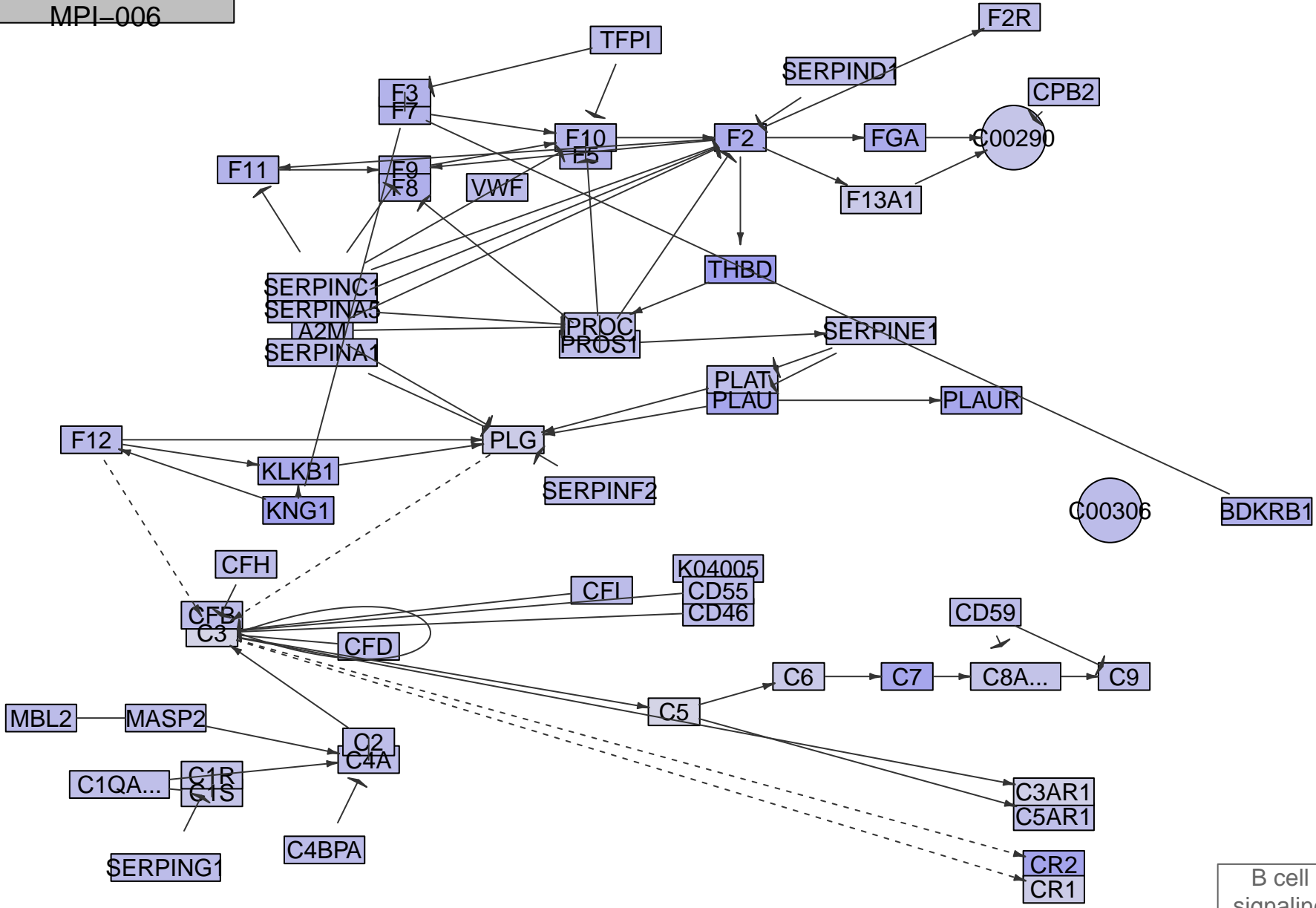


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-005

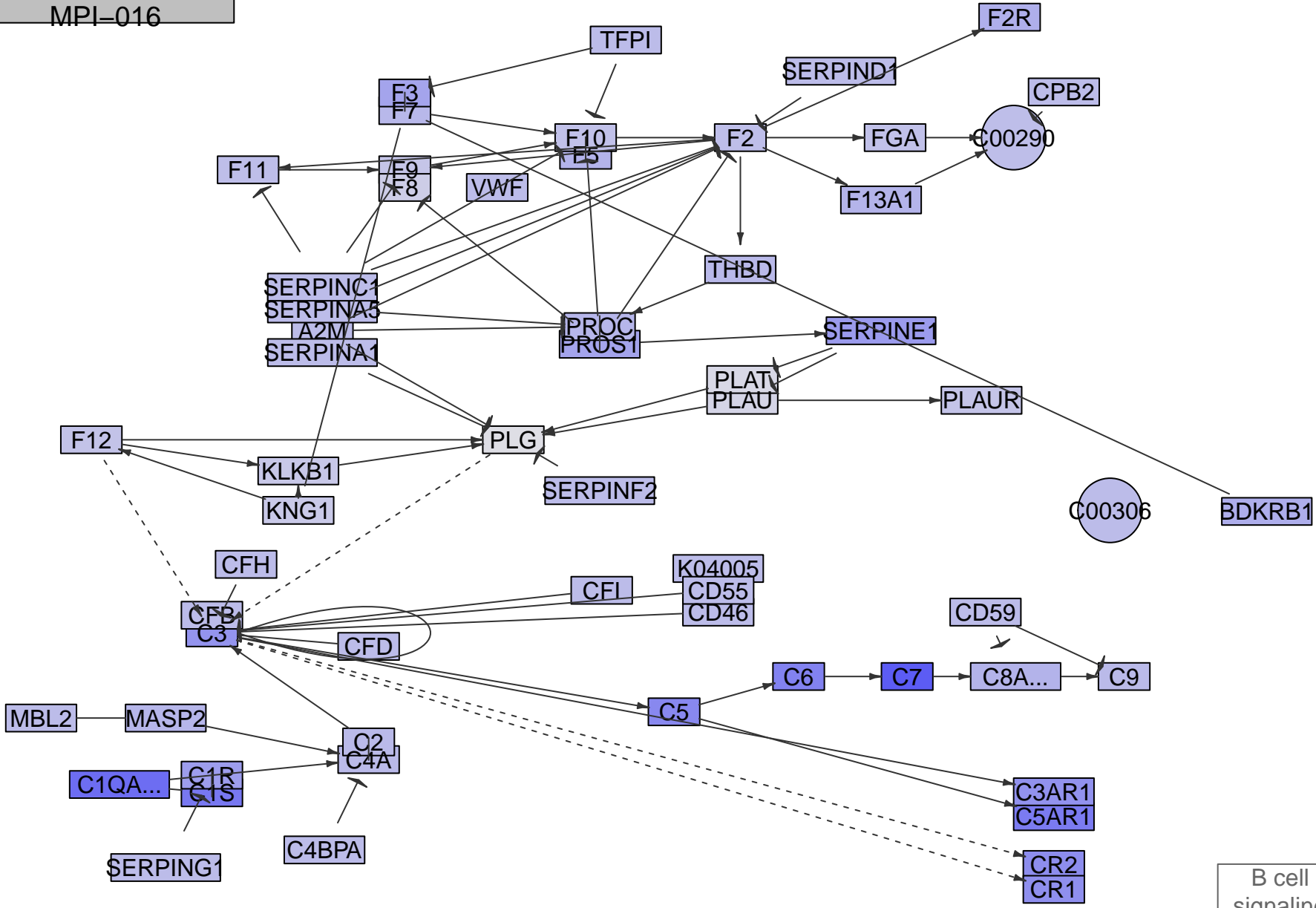


Complement and
coagulation cascades
MPI-006



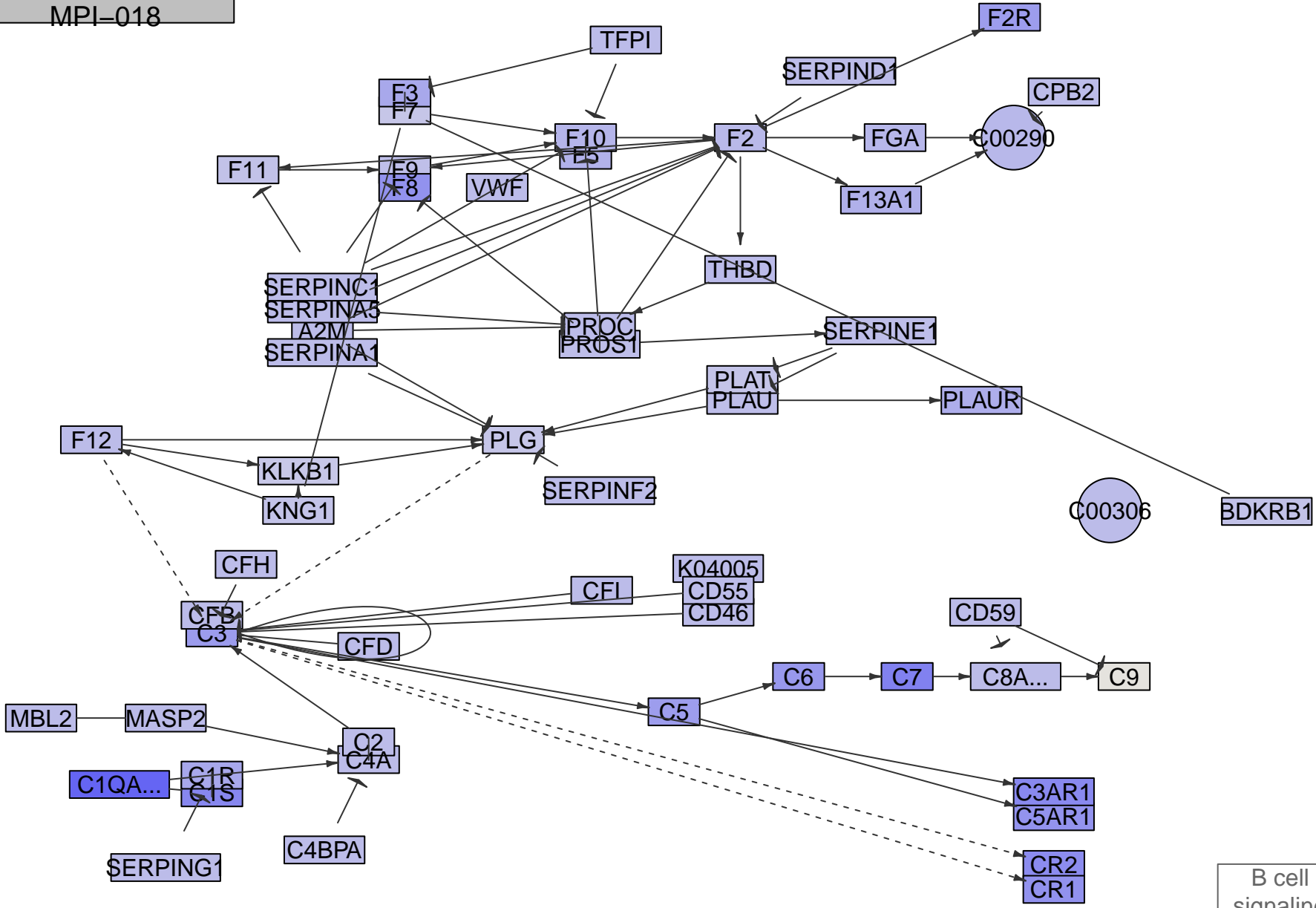
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-016



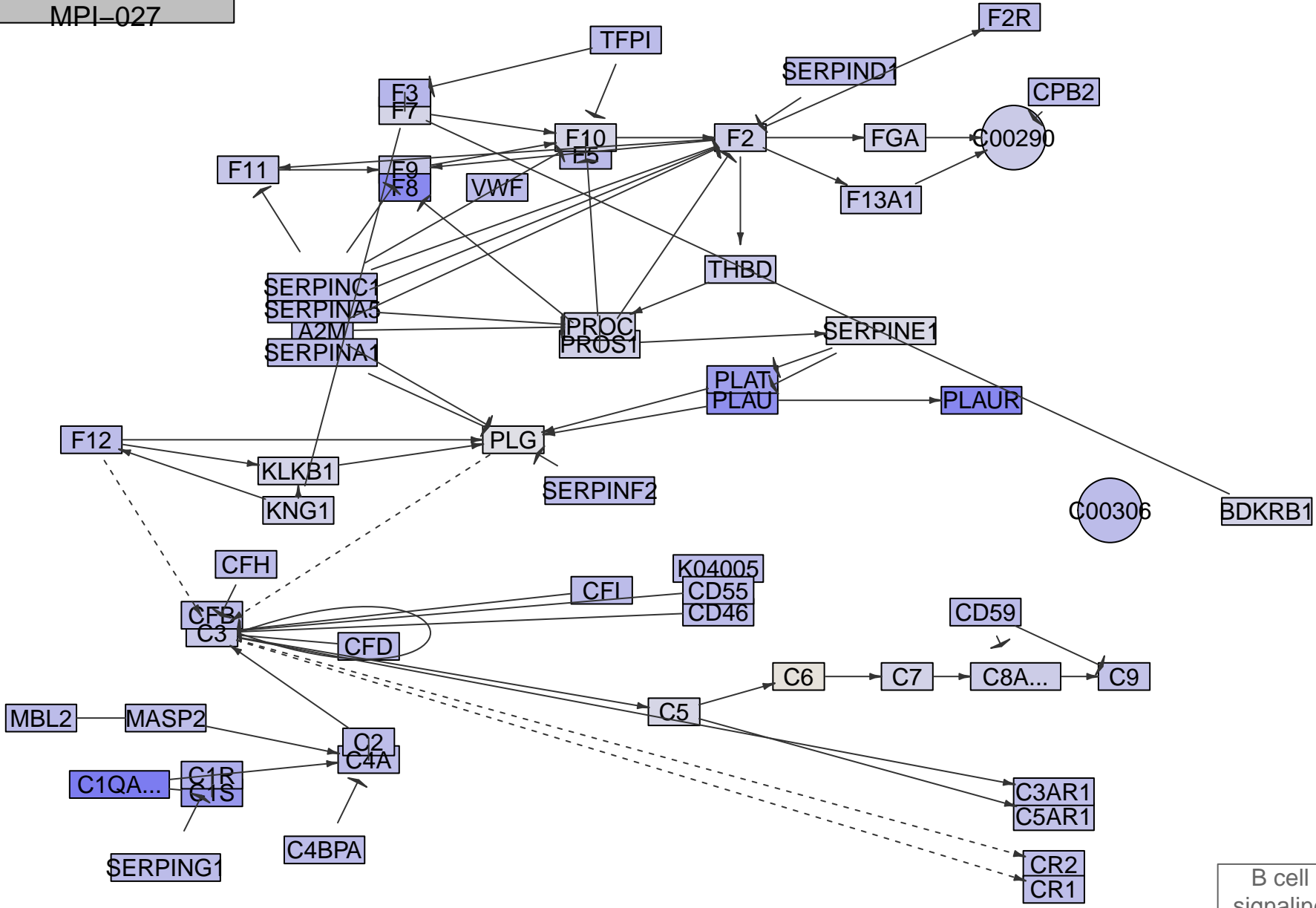
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-018



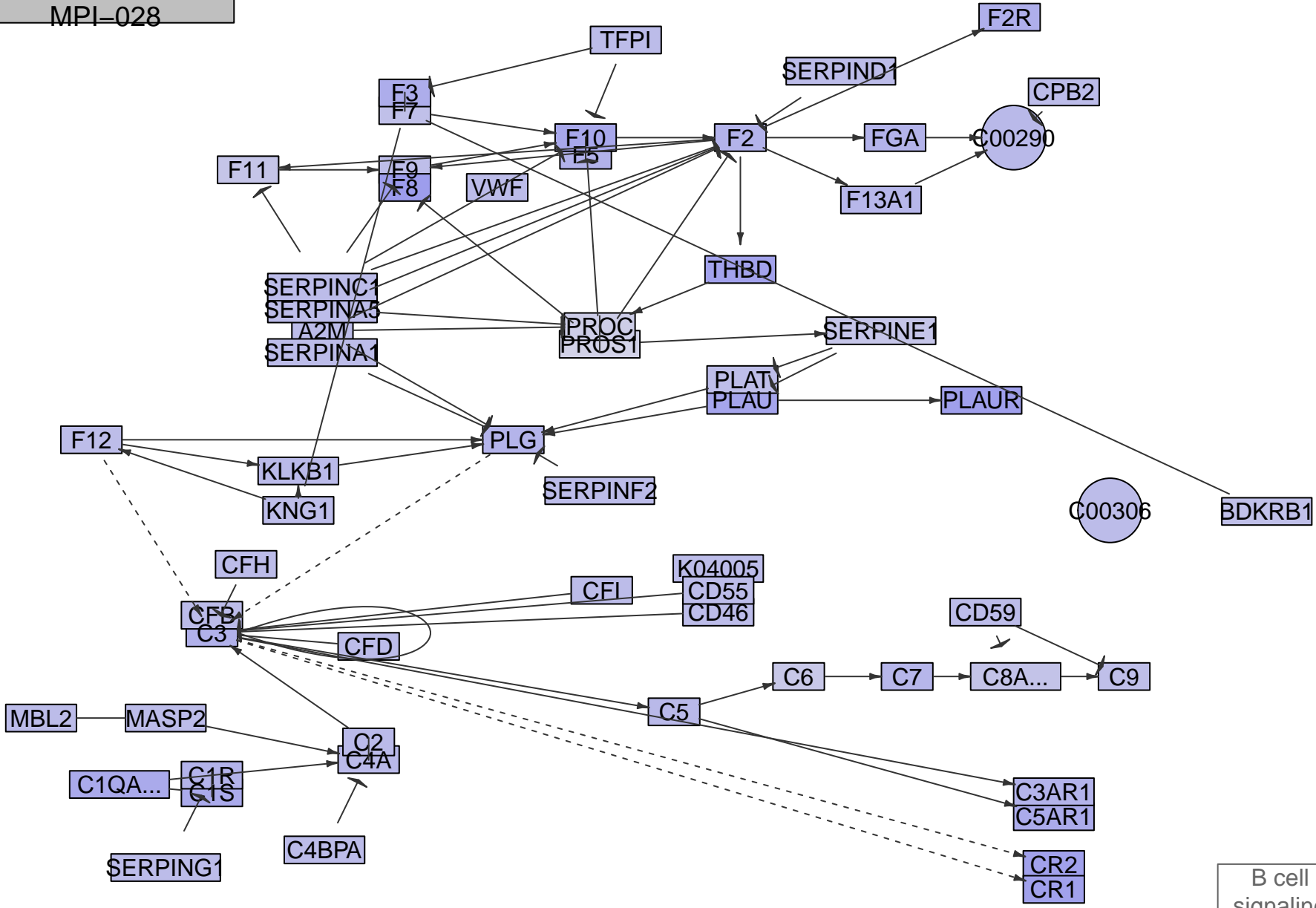
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-027



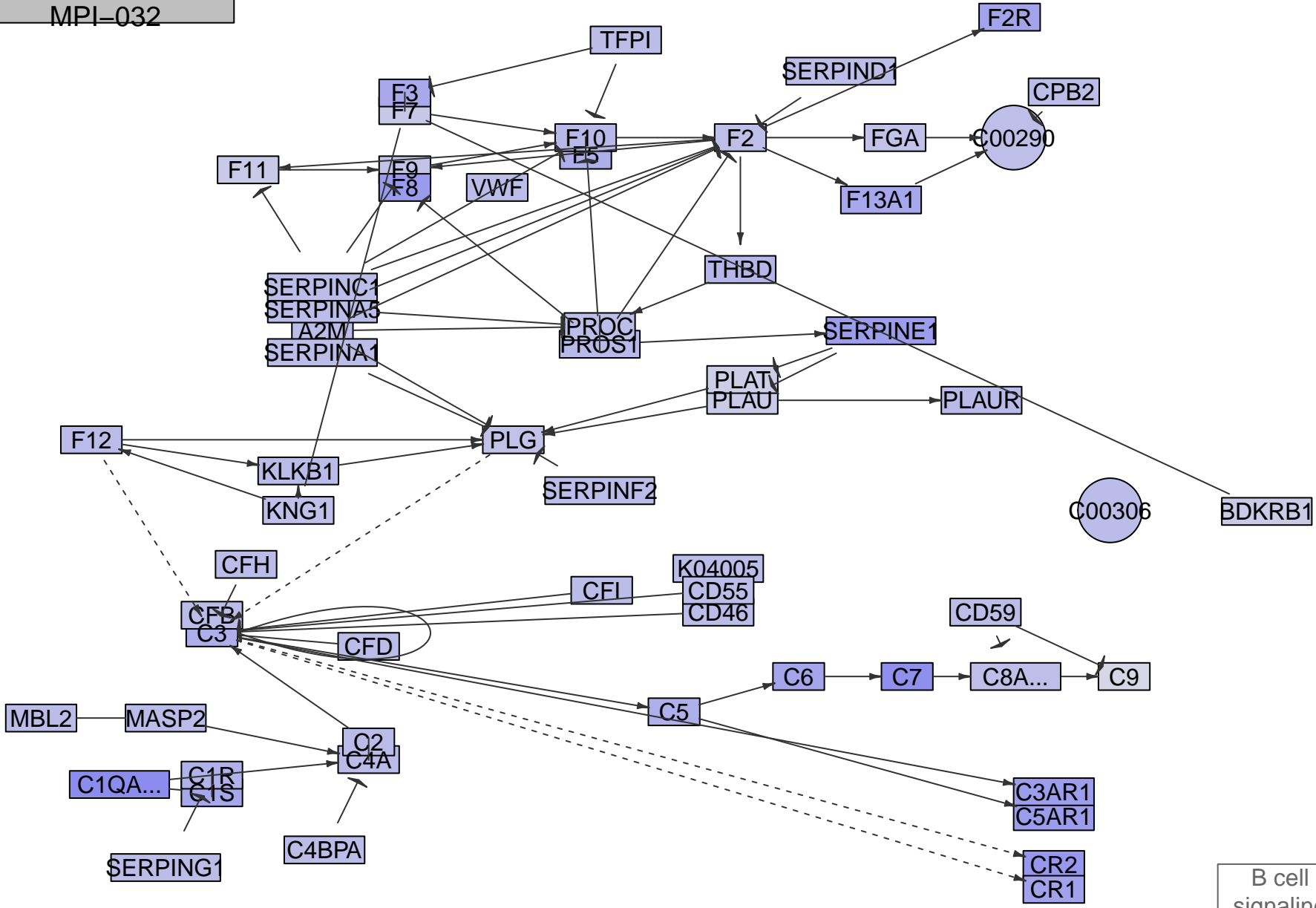
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-028



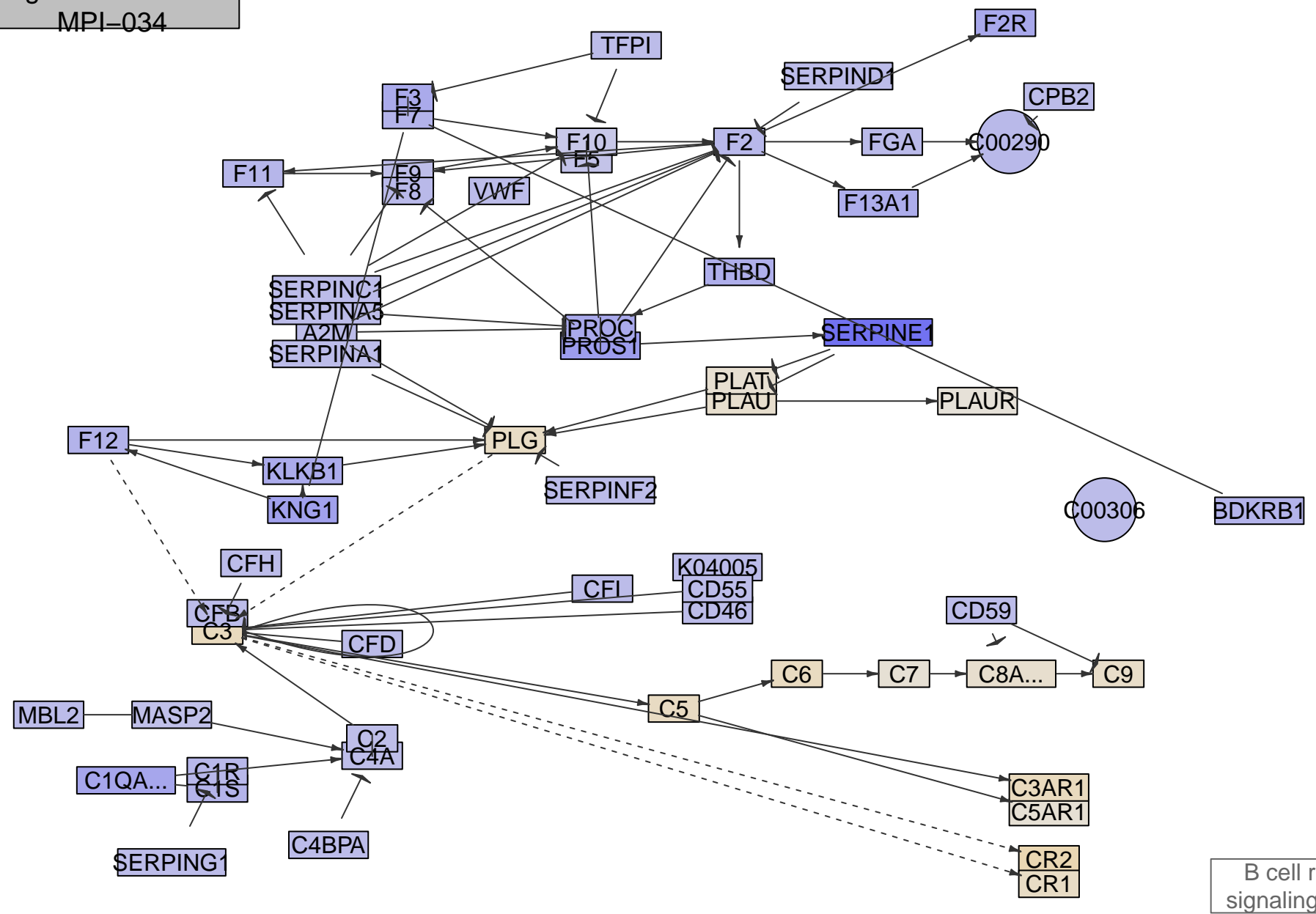
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-032

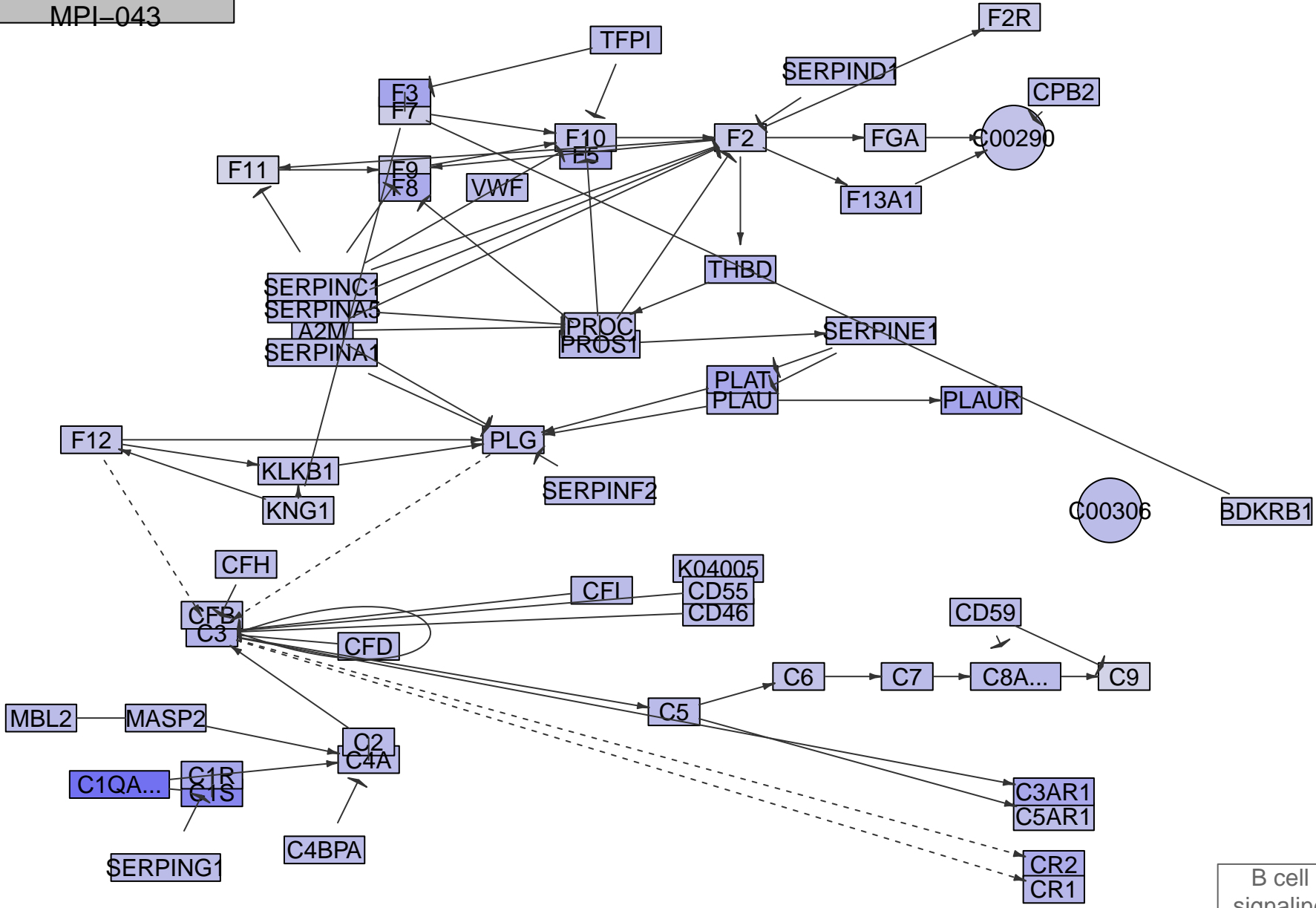


B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-034

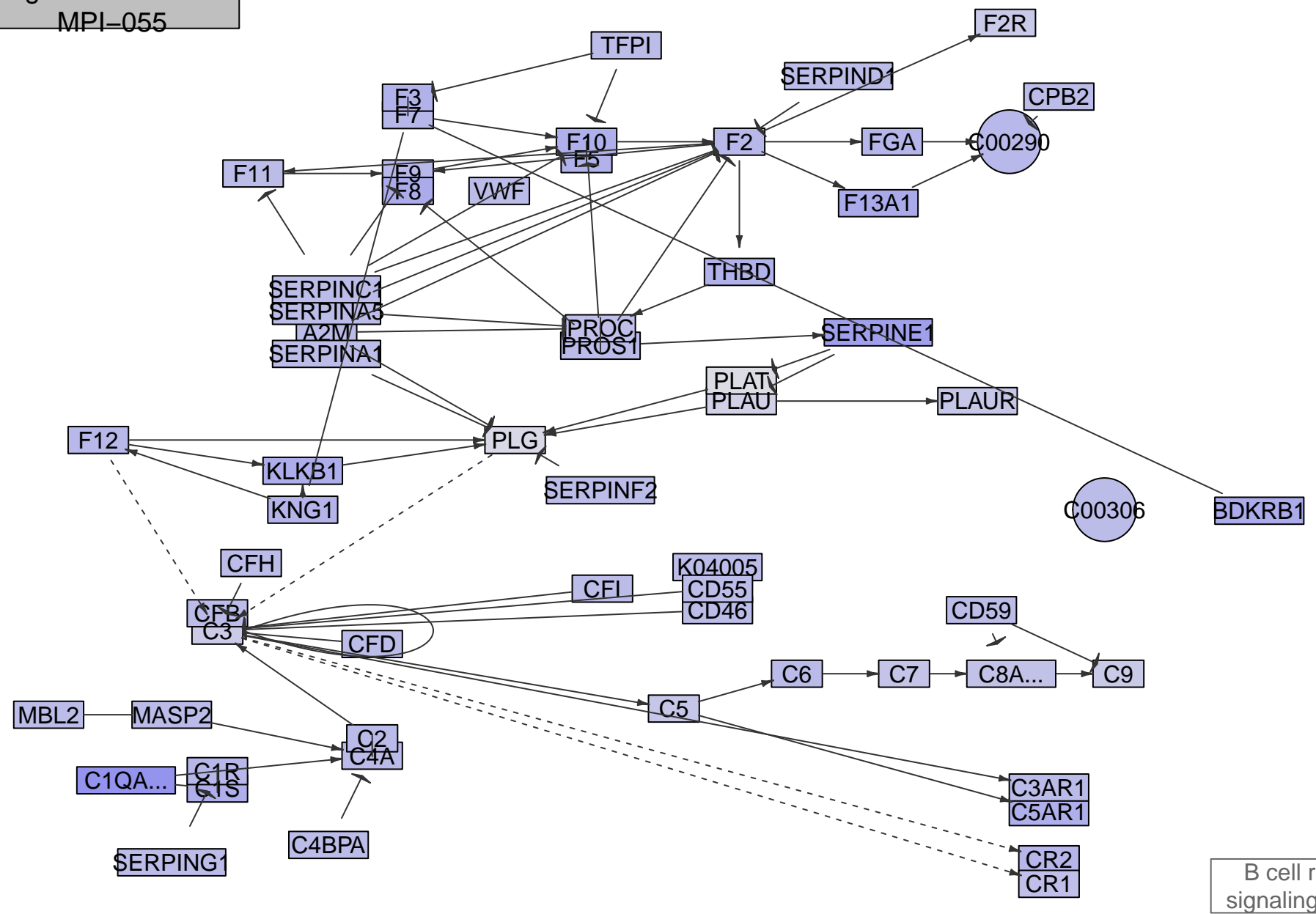


Complement and
coagulation cascades
MPI-043

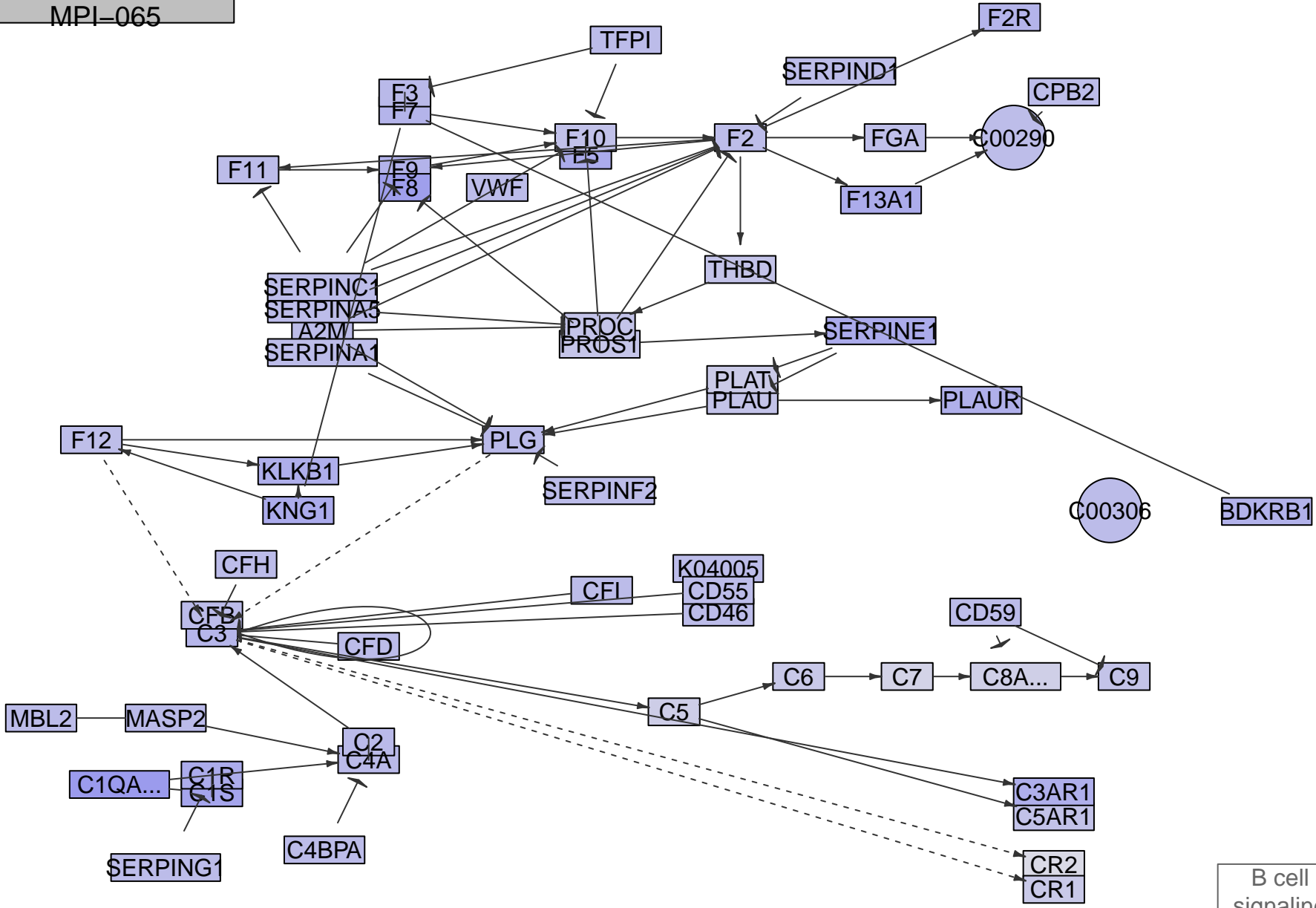


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-055

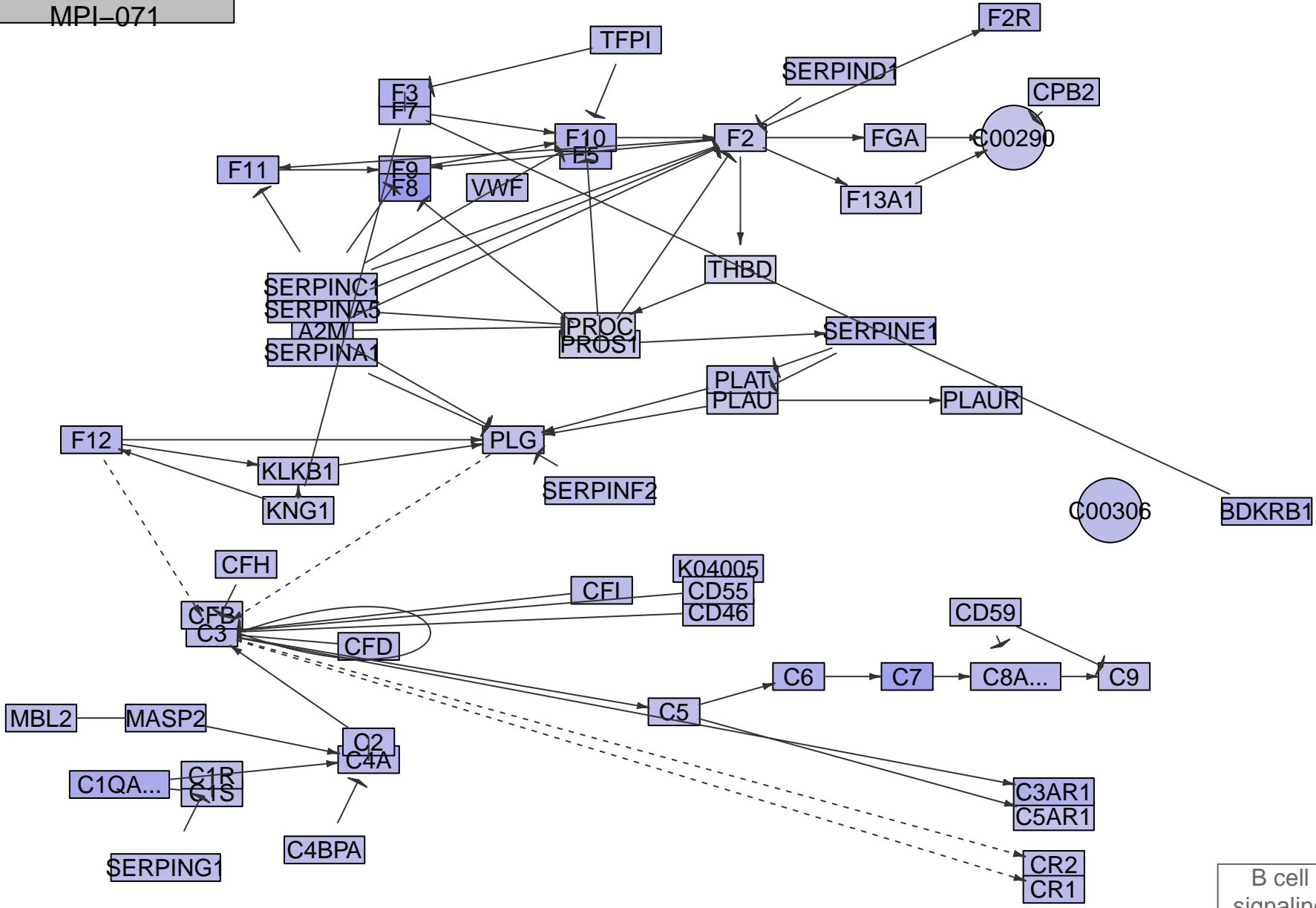


Complement and
coagulation cascades
MPI-065



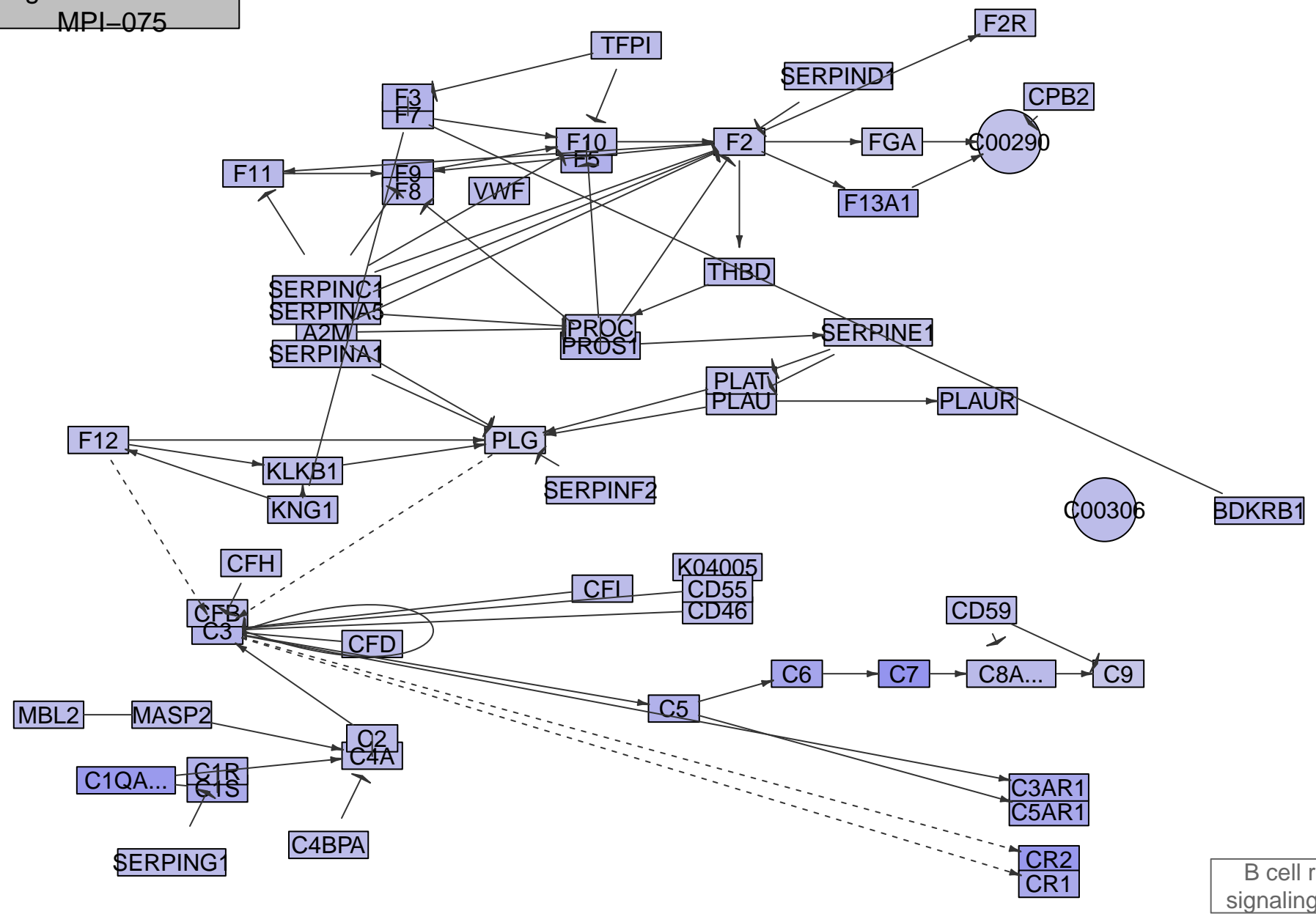
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-071



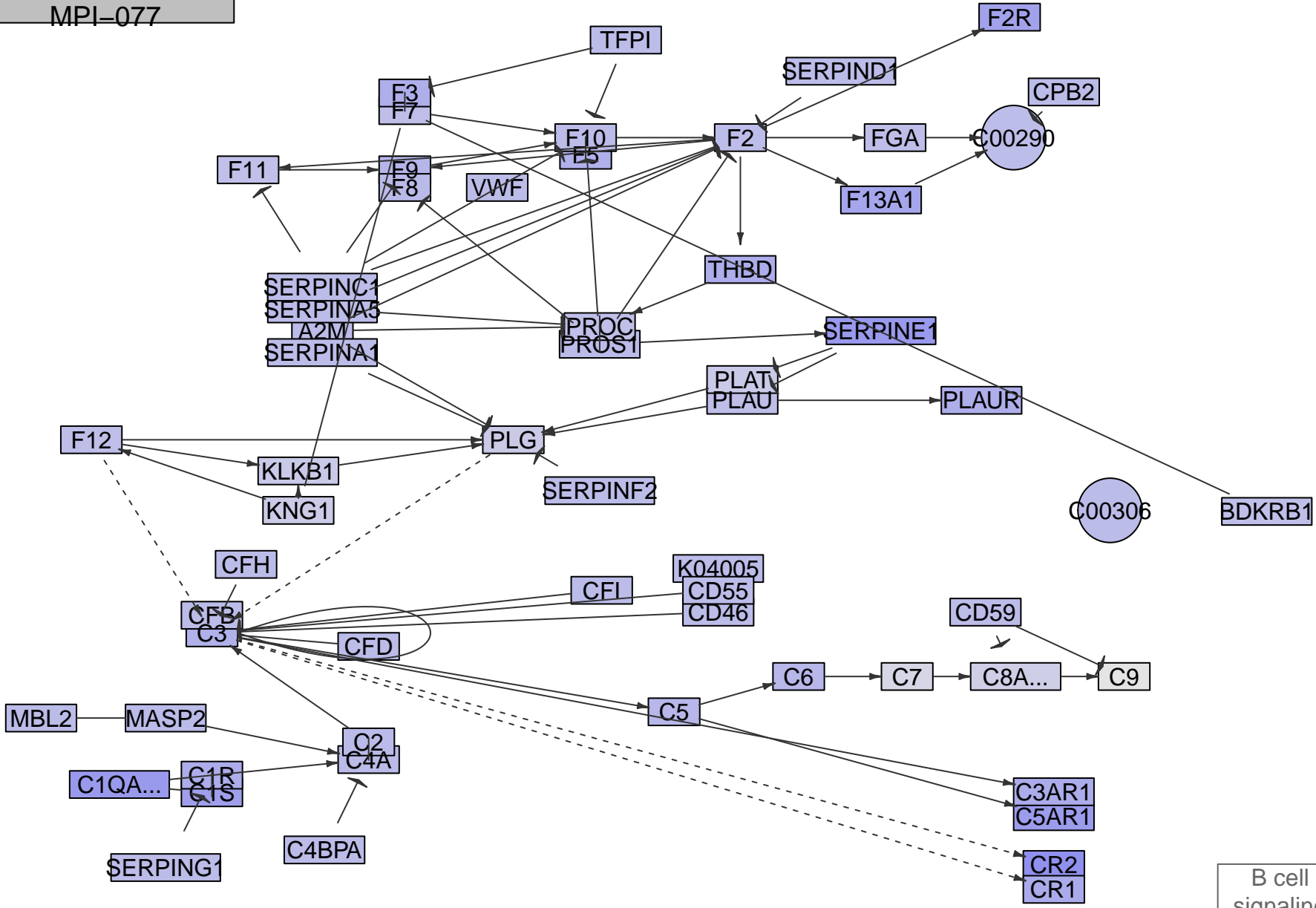
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-075



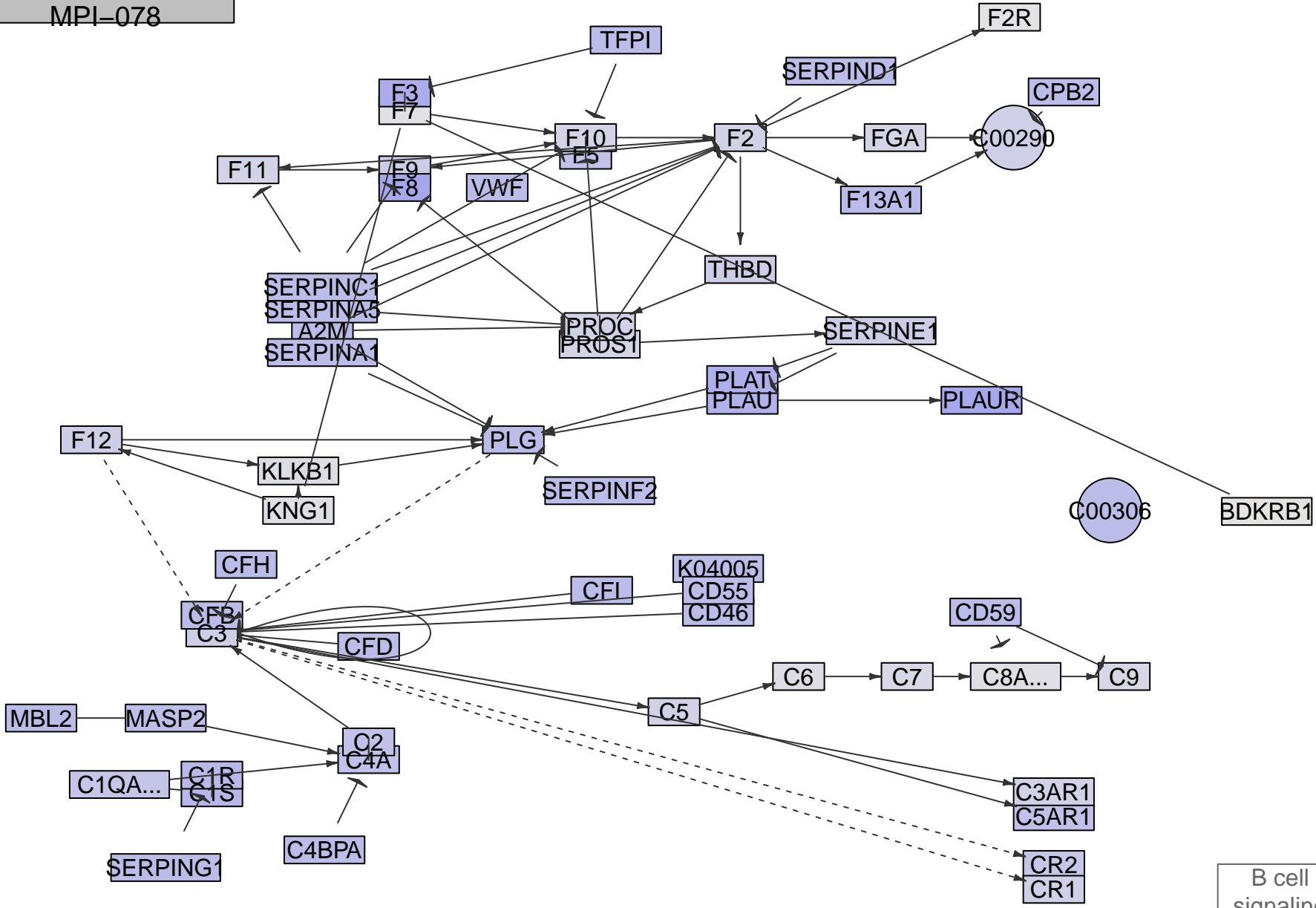
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-077



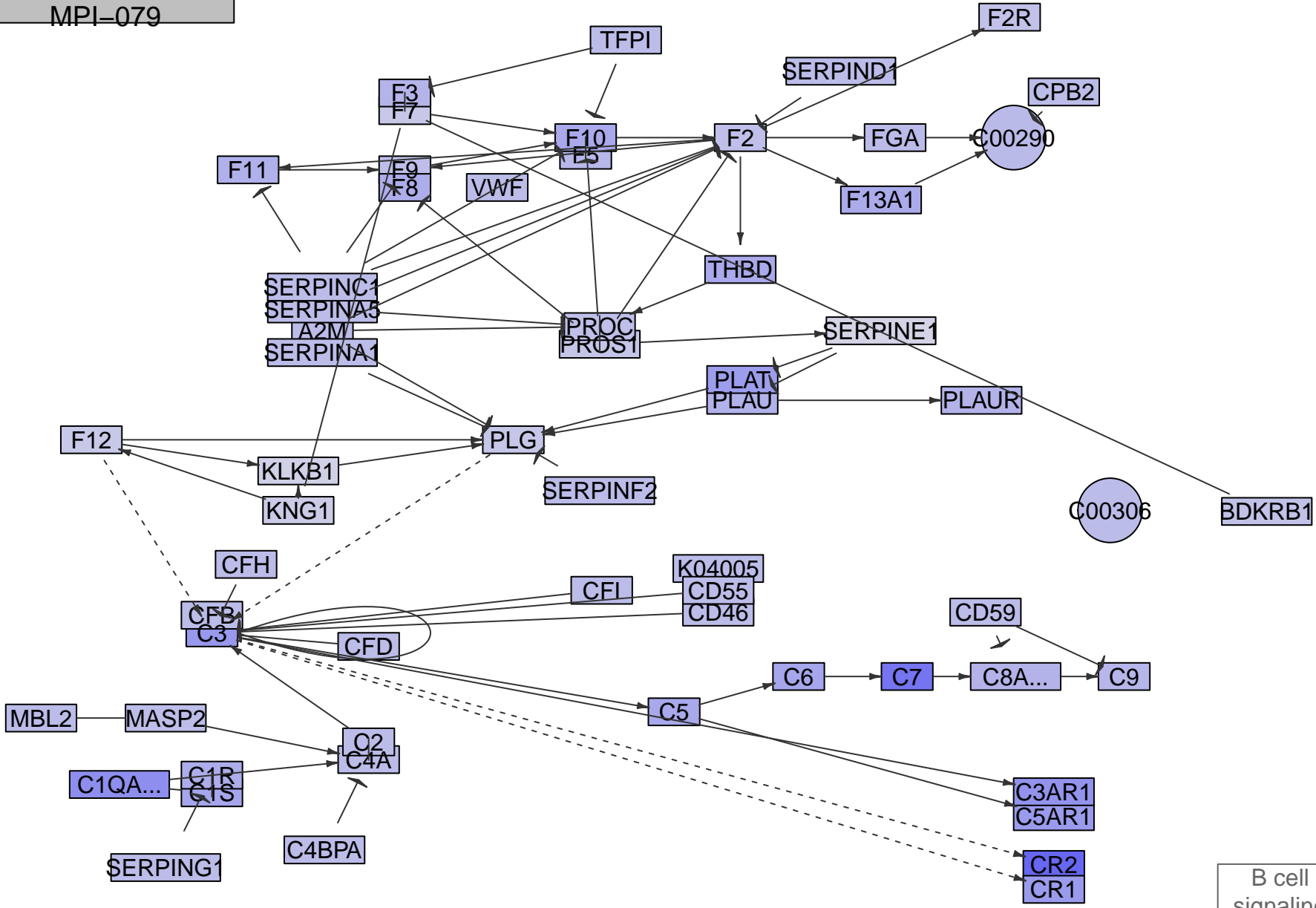
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-078



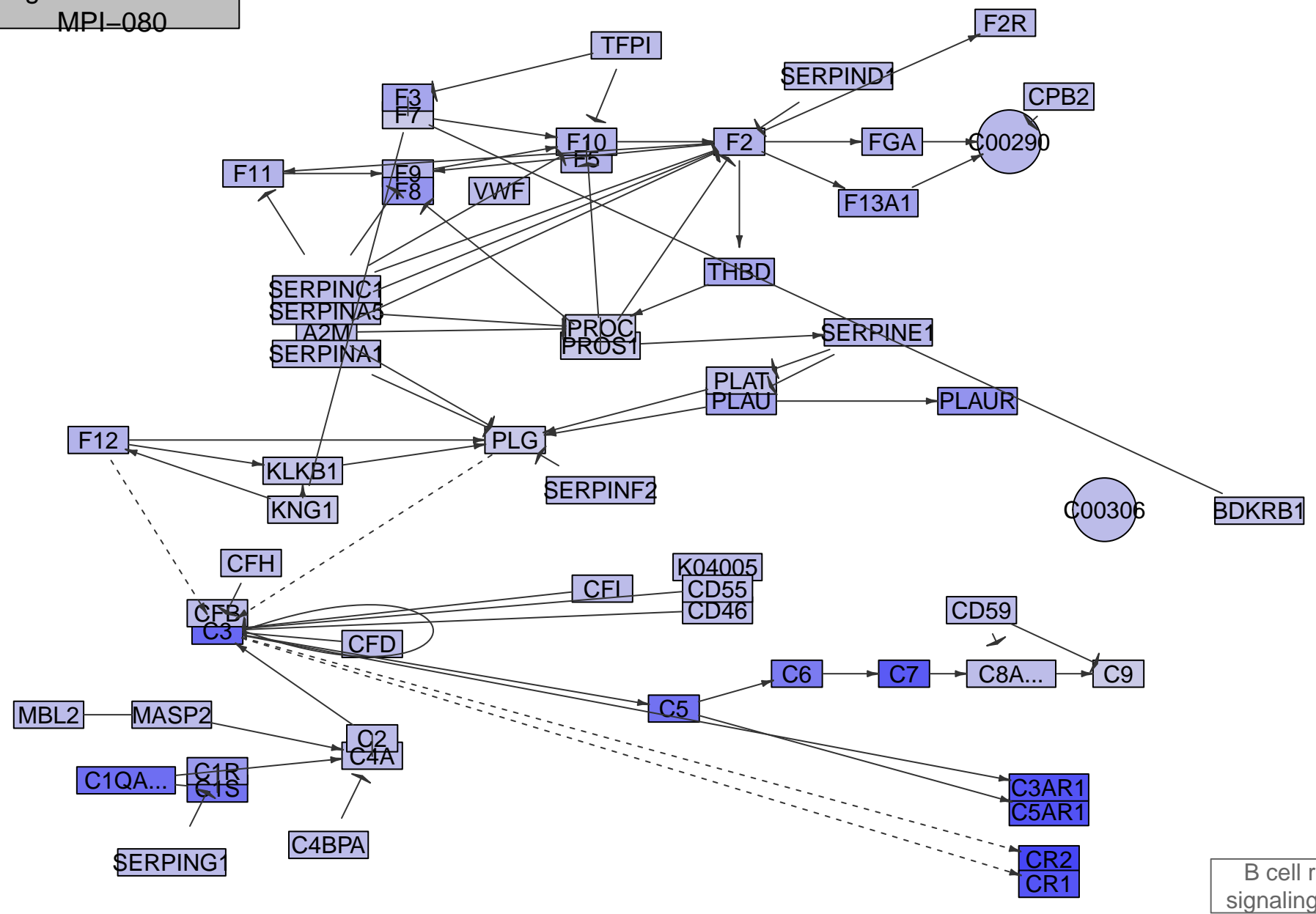
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-079

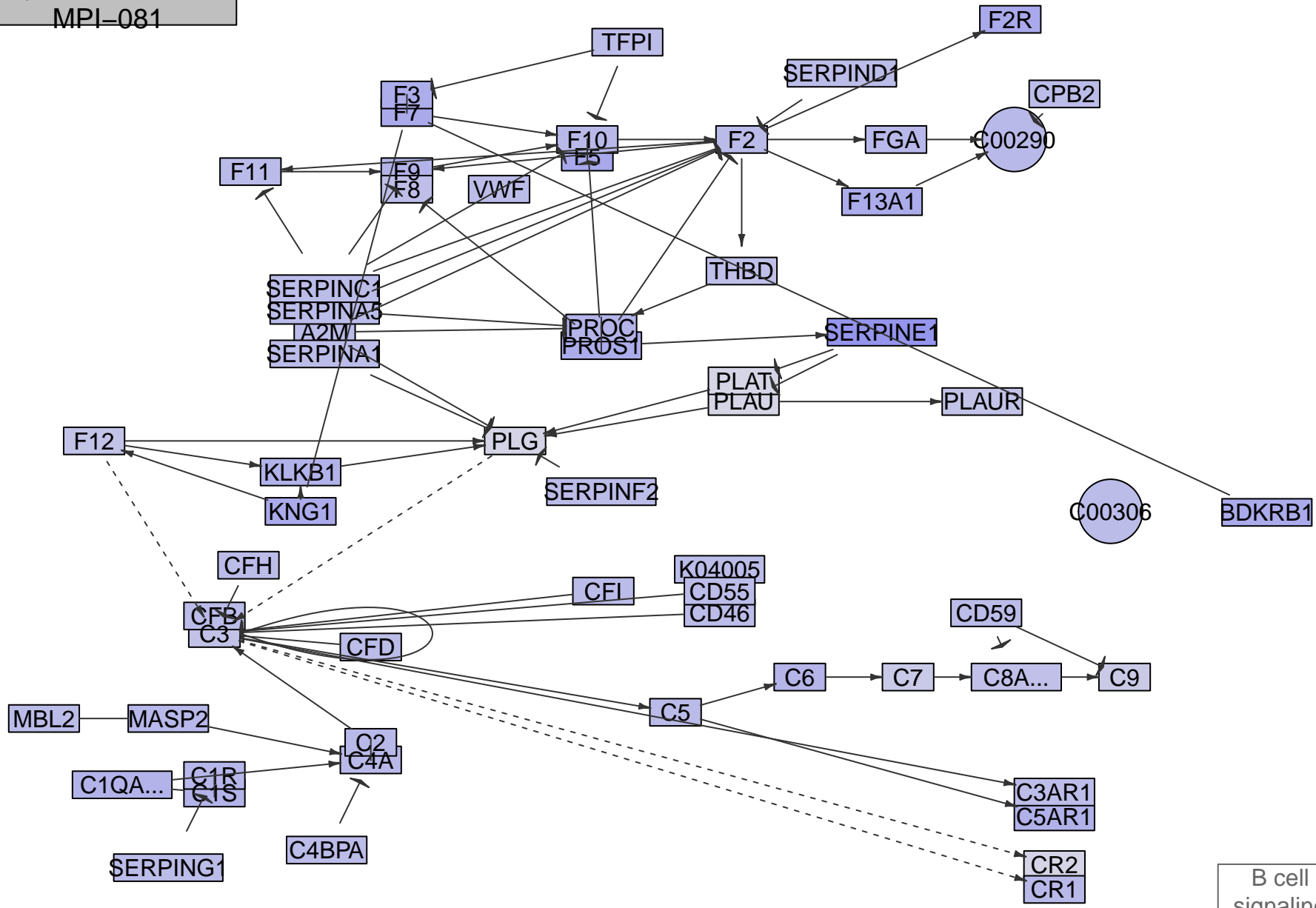


B cell receptor
signaling pathway

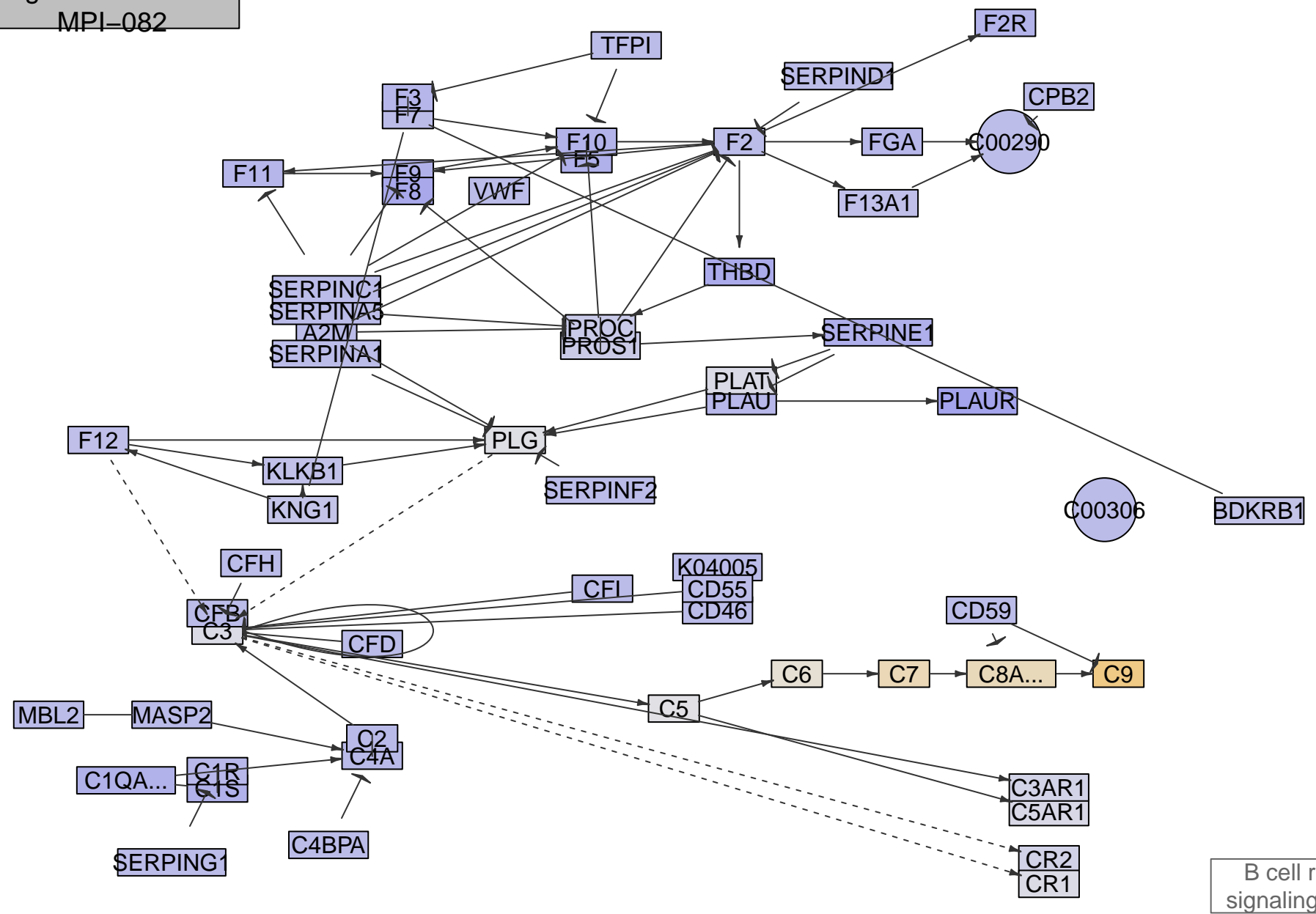
Complement and
coagulation cascades
MPI-080



Complement and
coagulation cascades
MPI-081

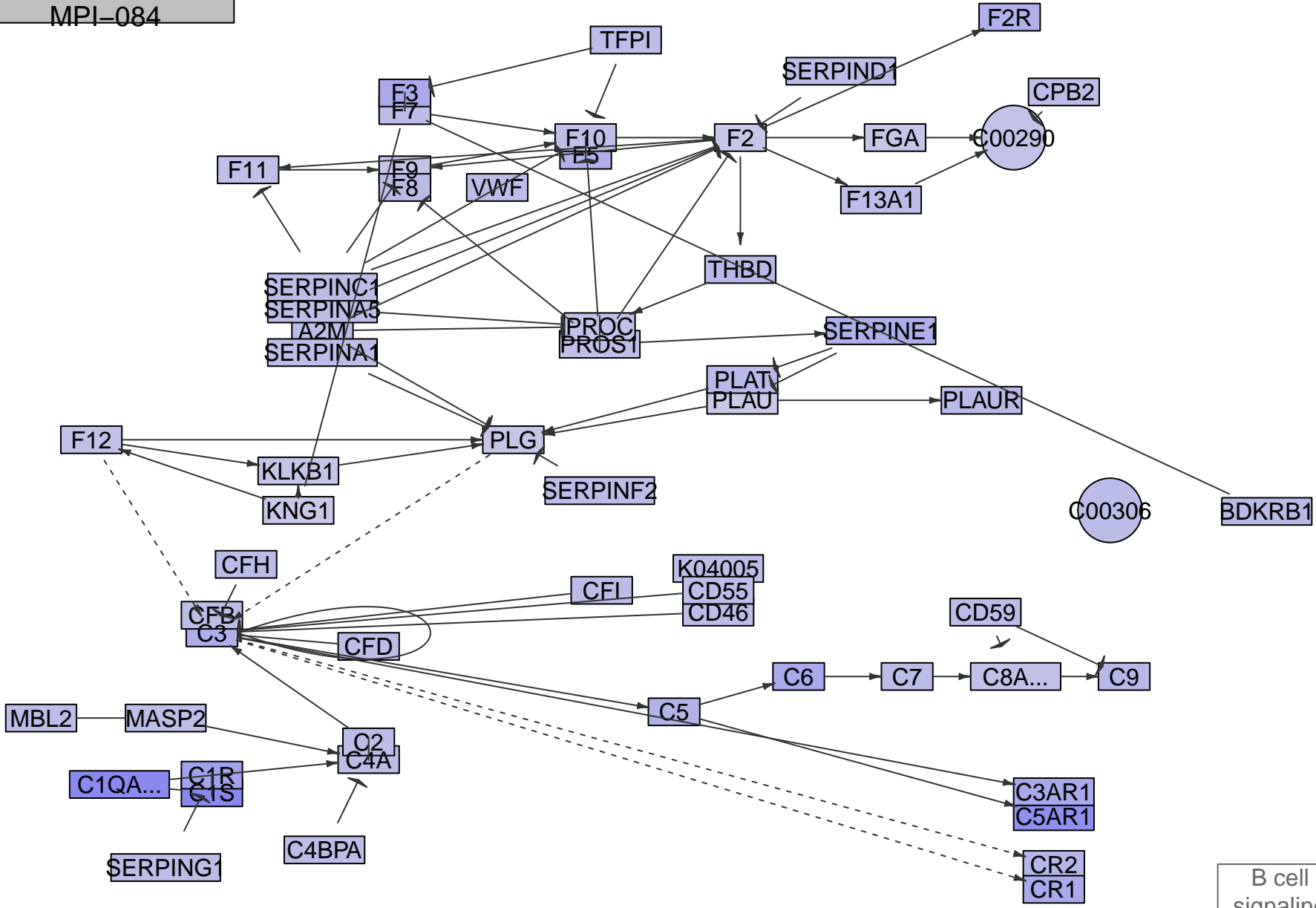


Complement and
coagulation cascades
MPI-082



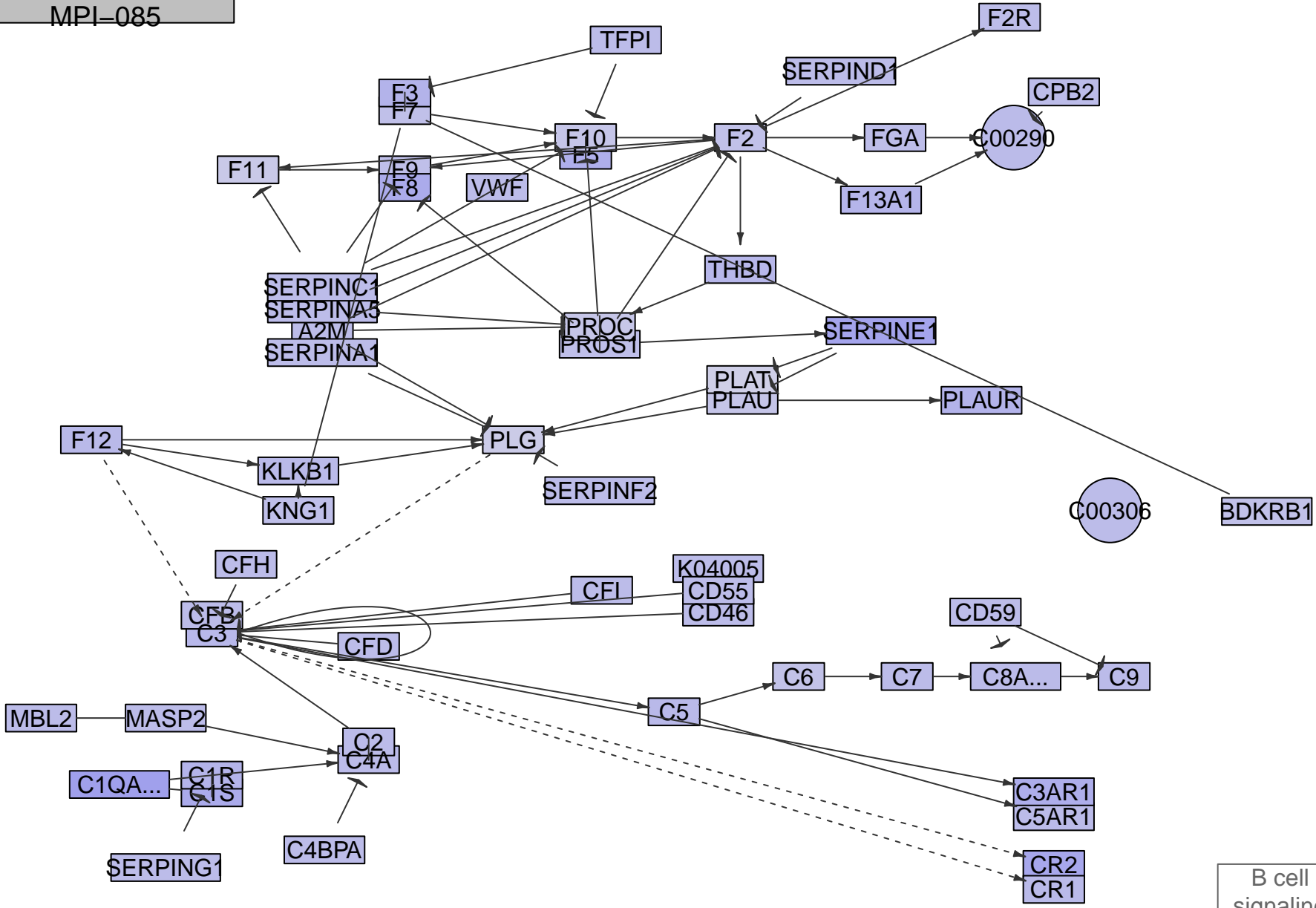
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-084



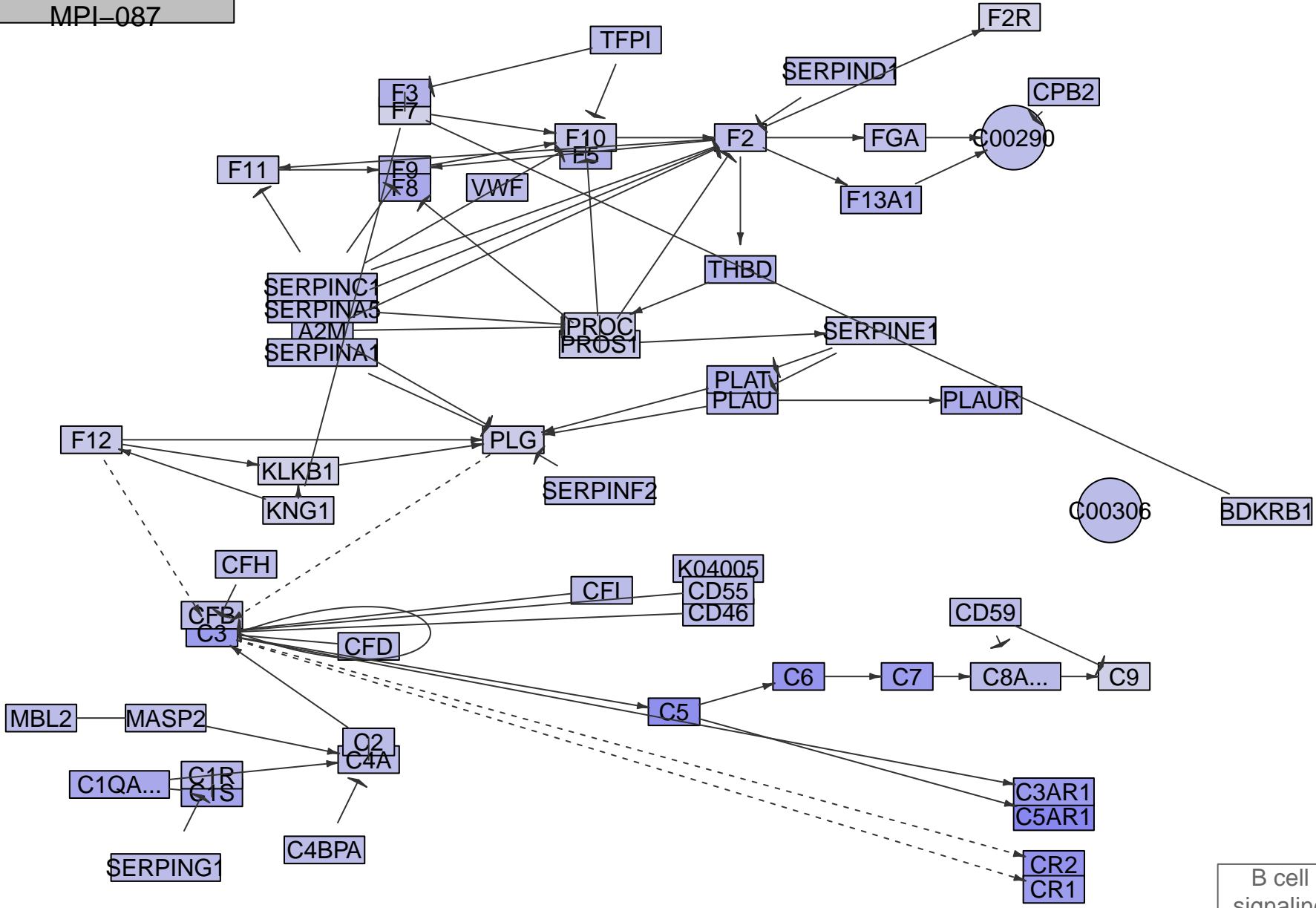
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-085



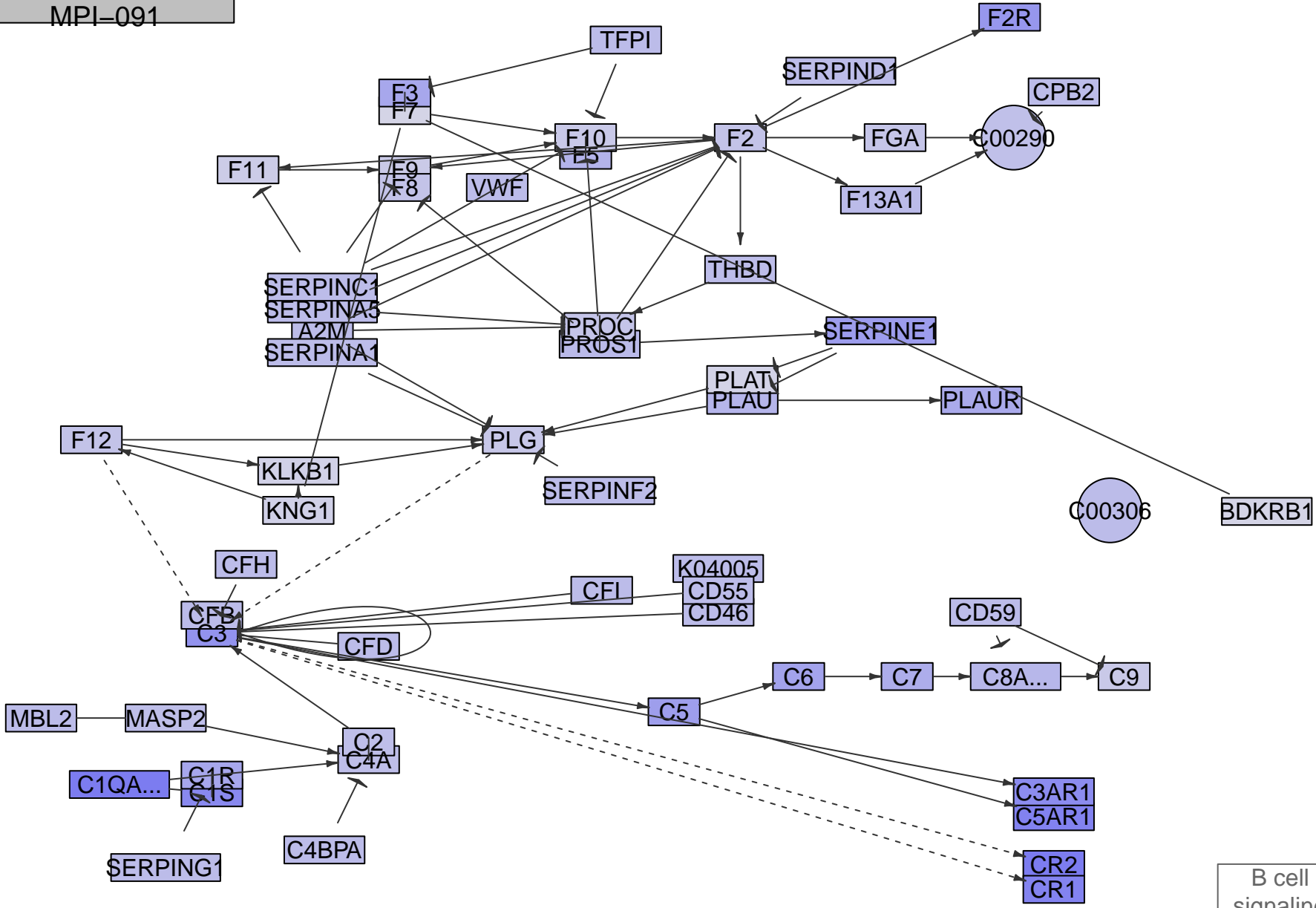
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-087



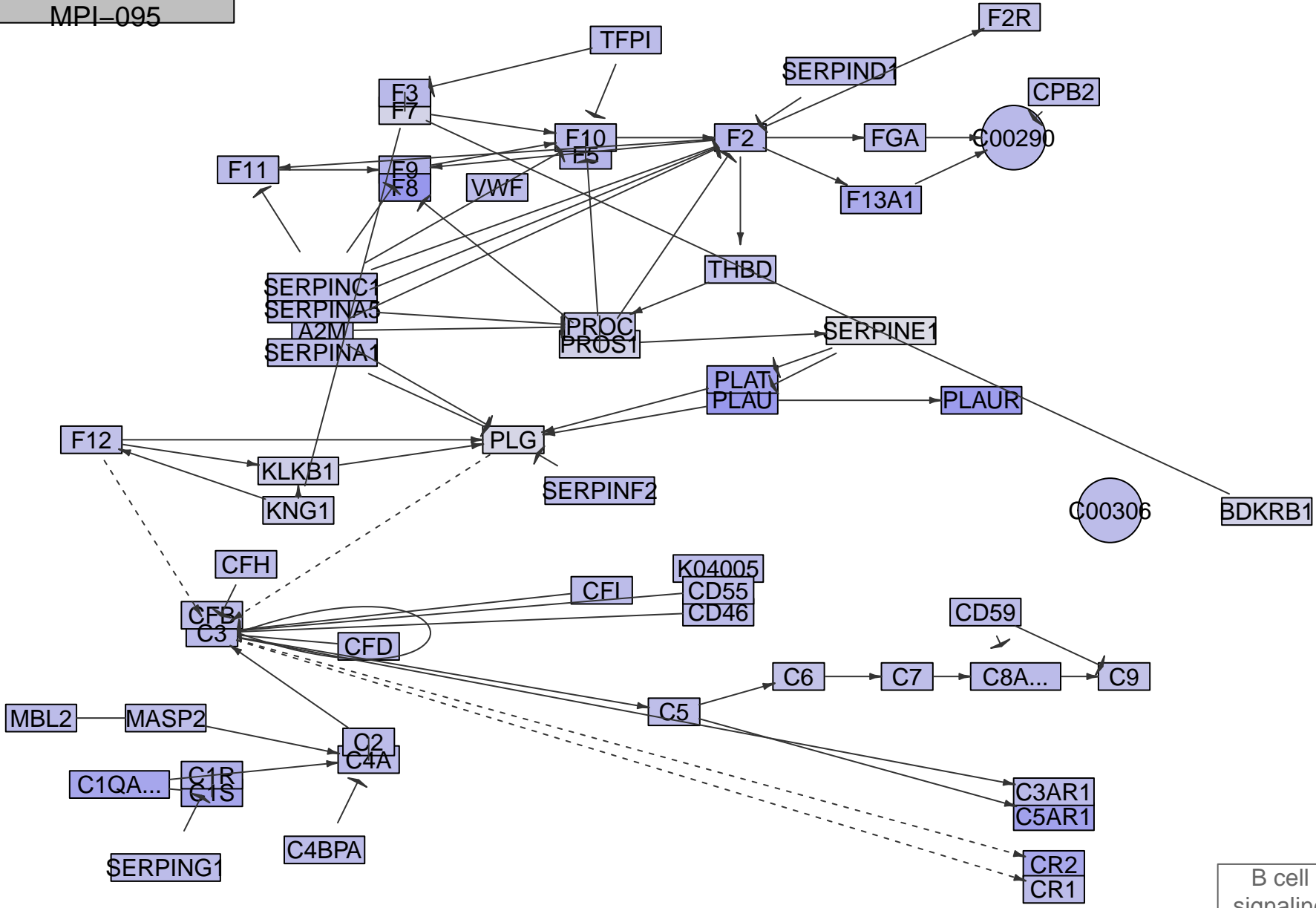
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-091



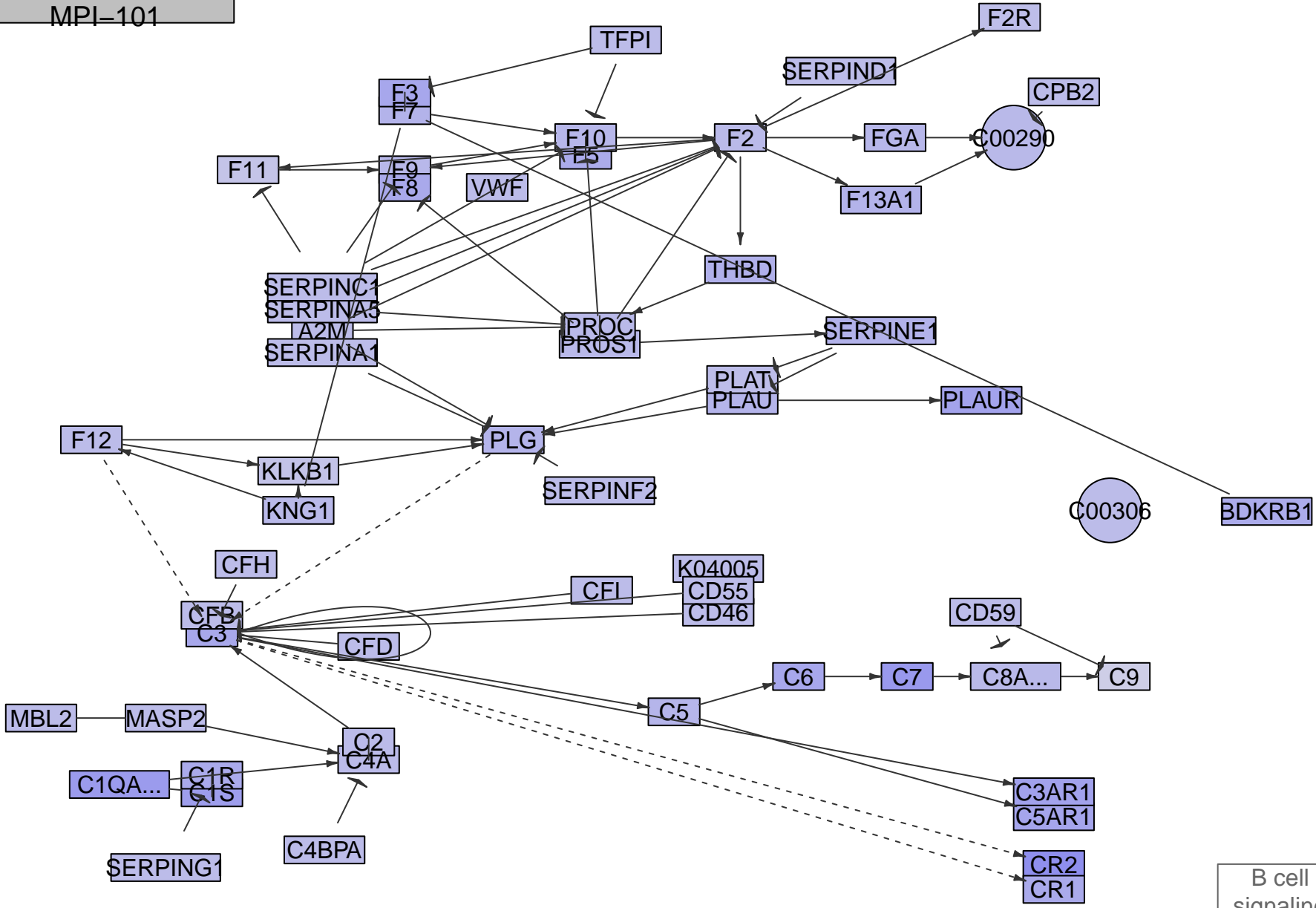
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-095



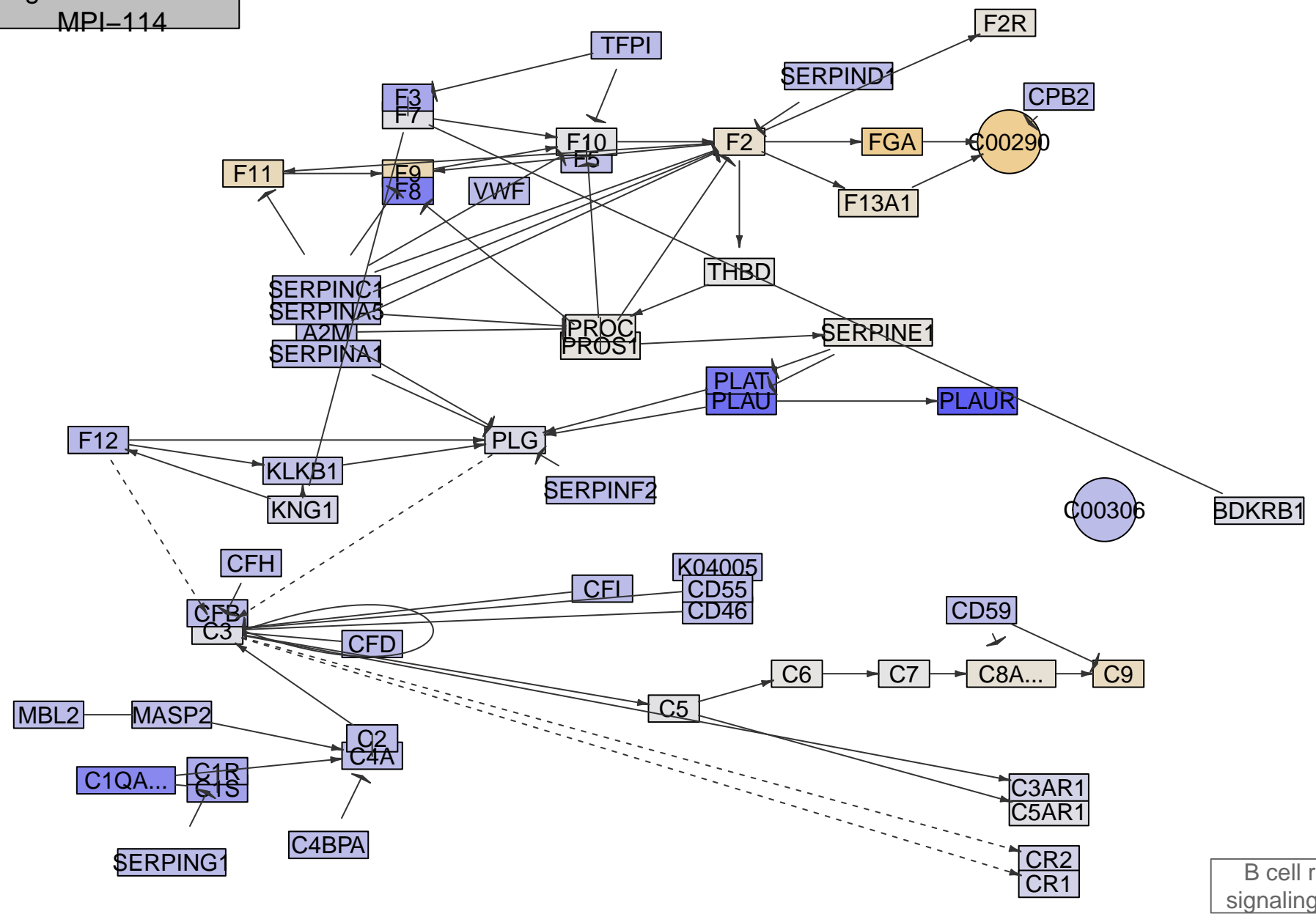
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-101



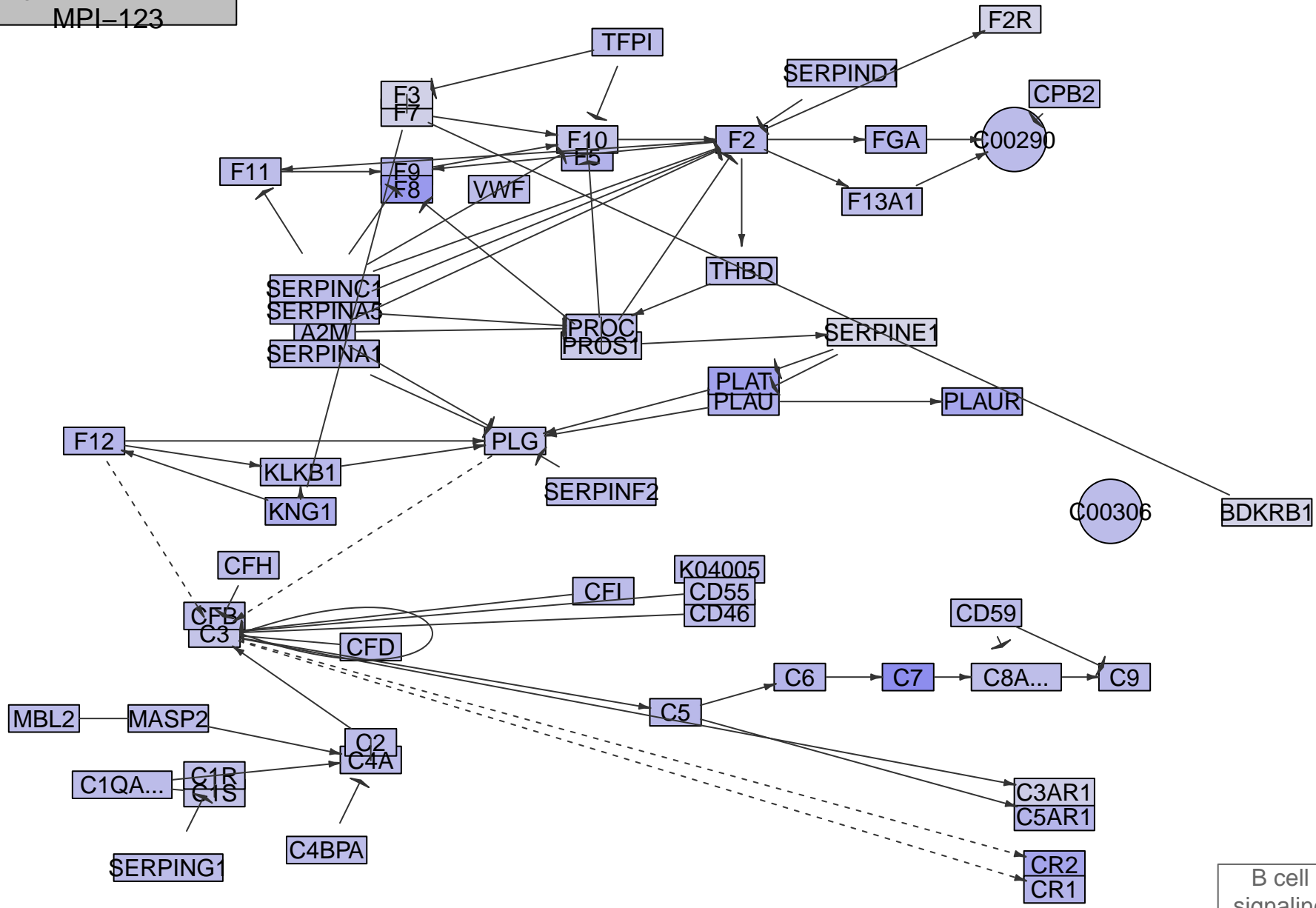
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-114



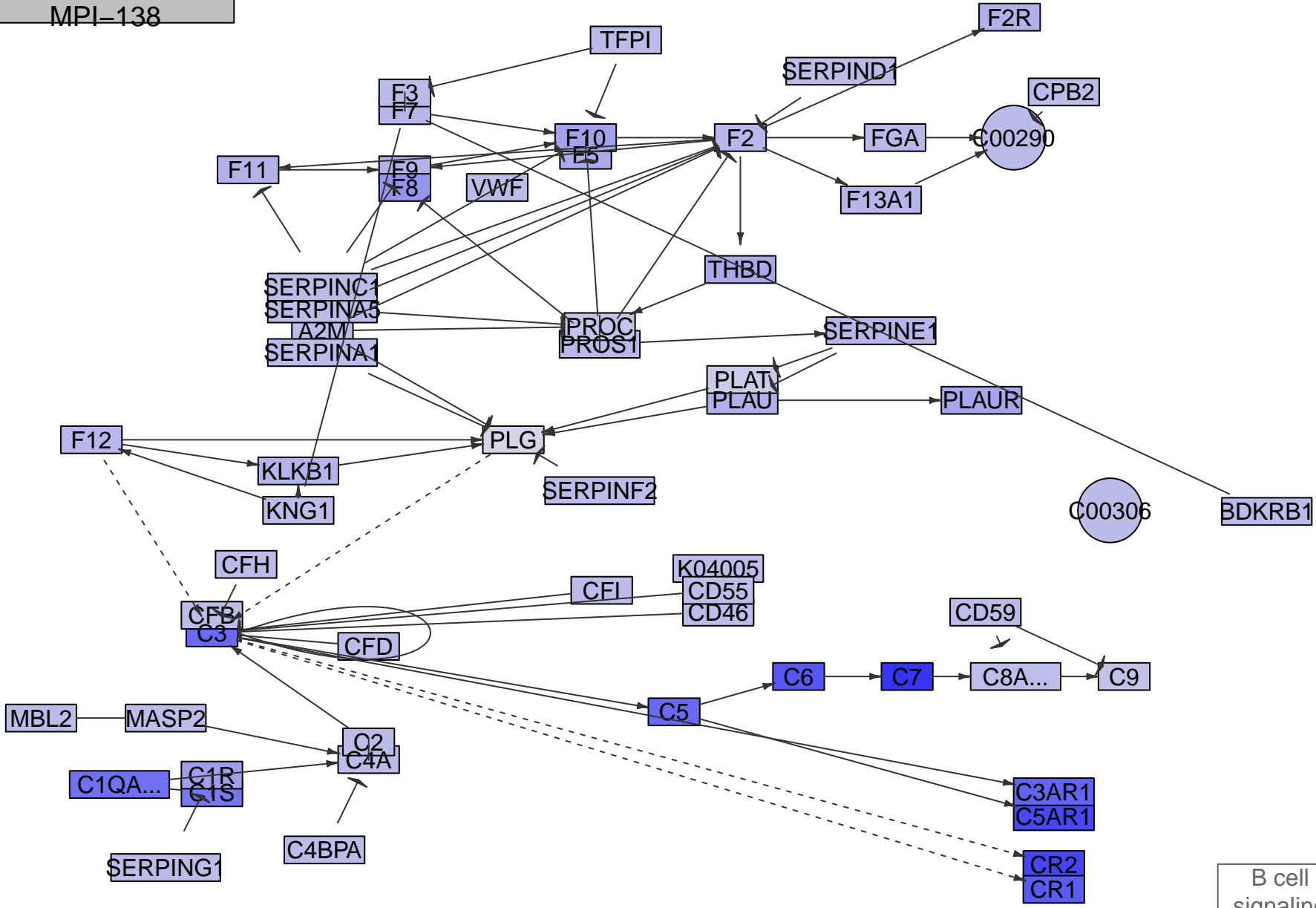
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-123



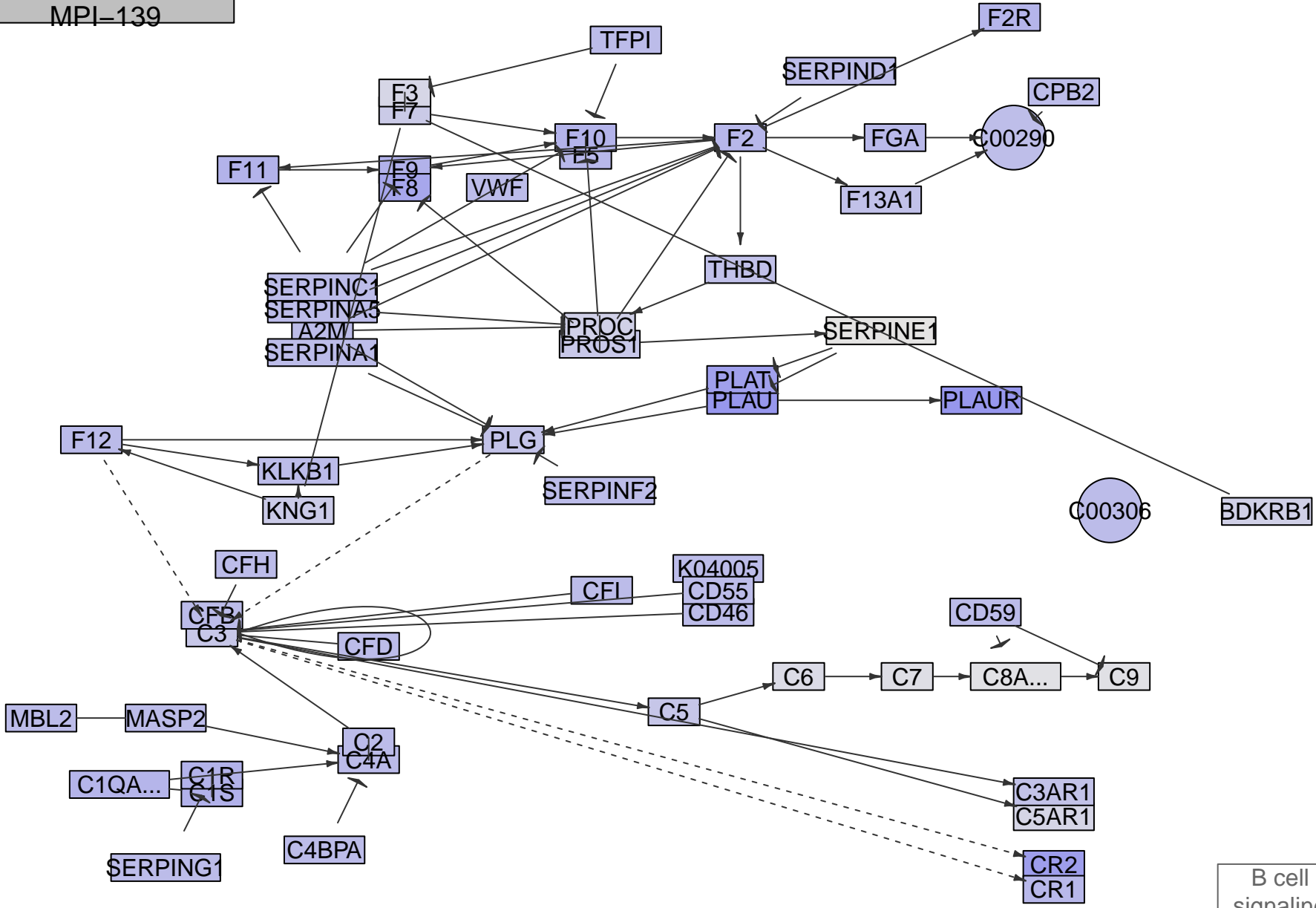
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-138



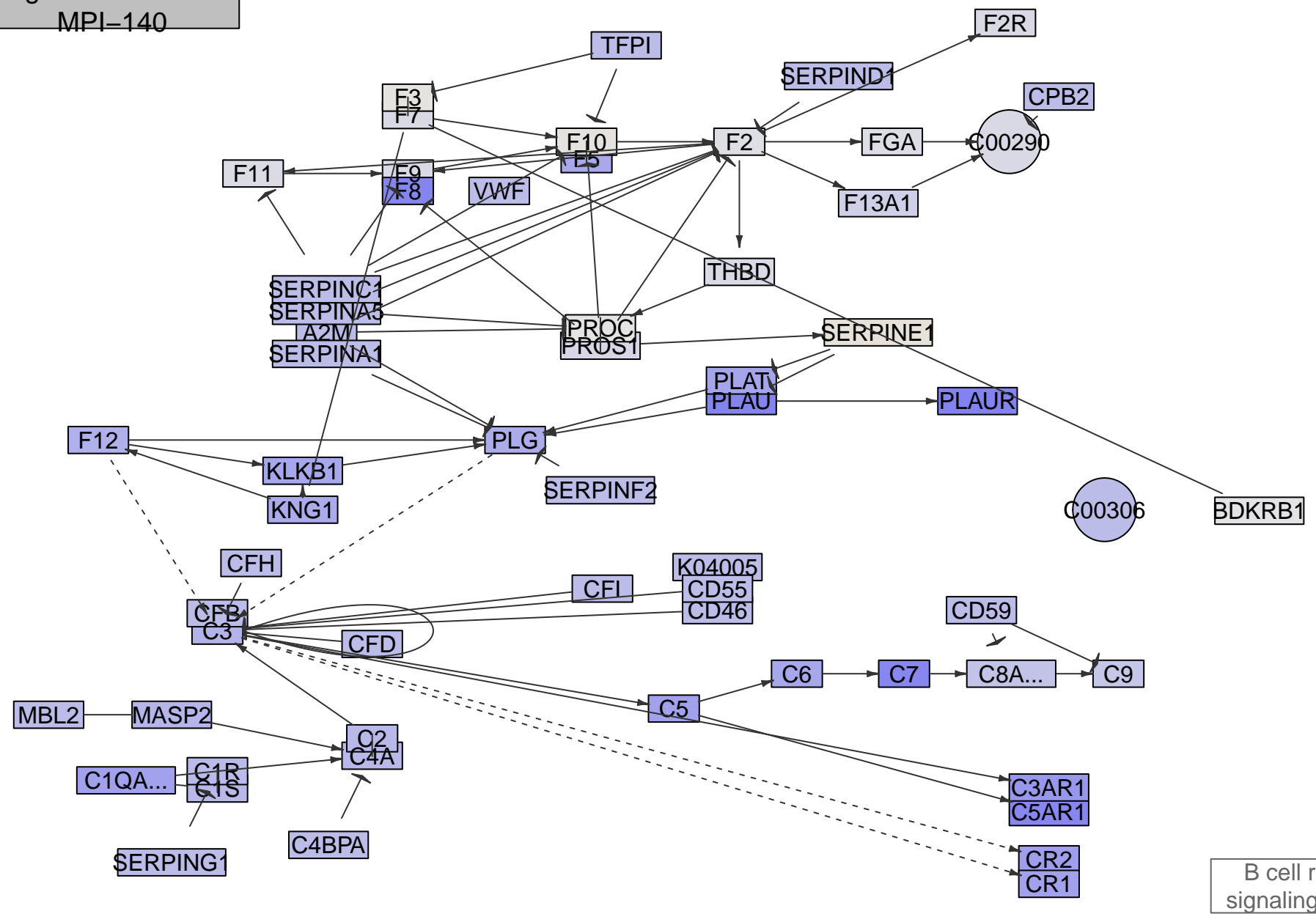
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-139

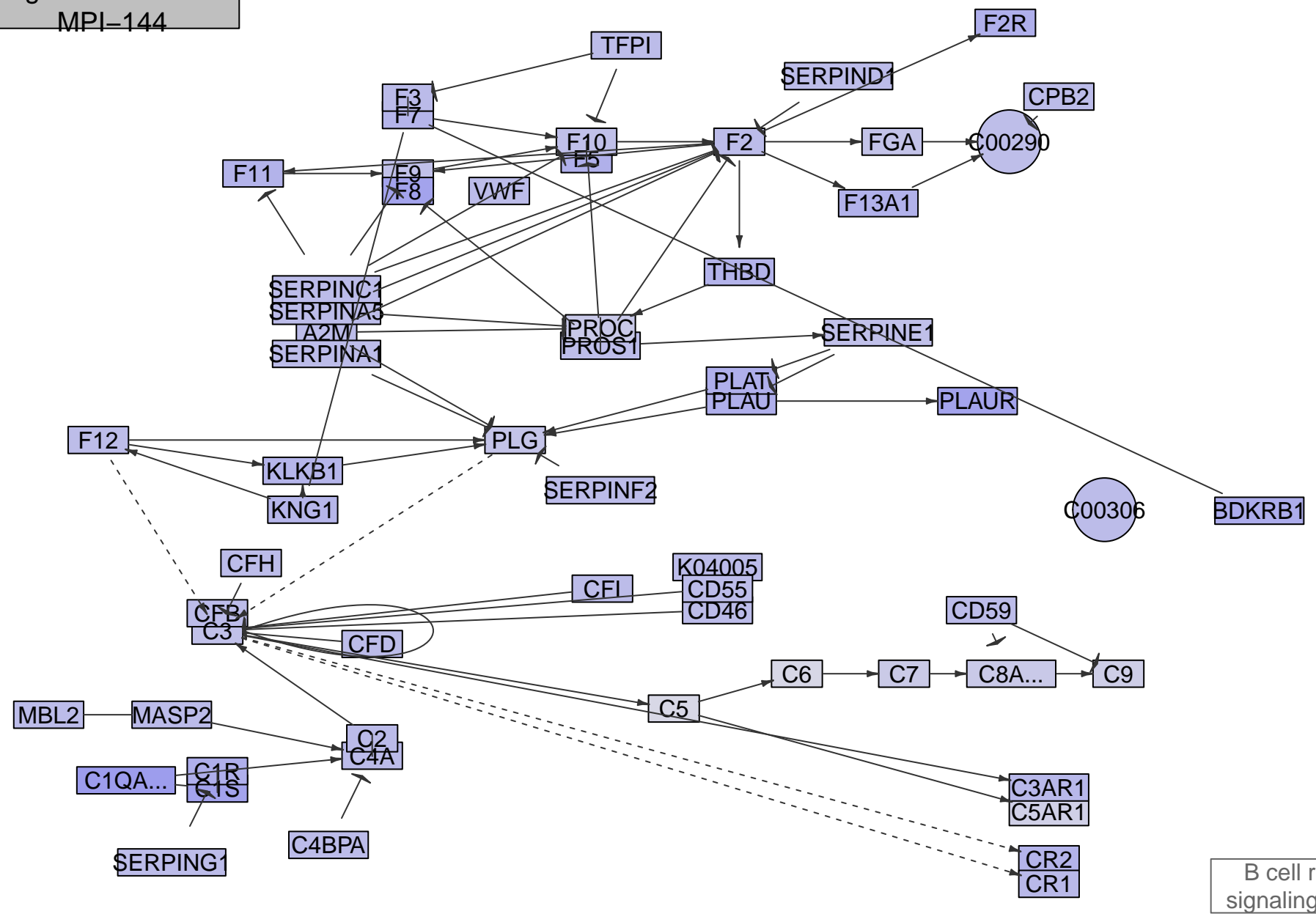


B cell receptor
signaling pathway

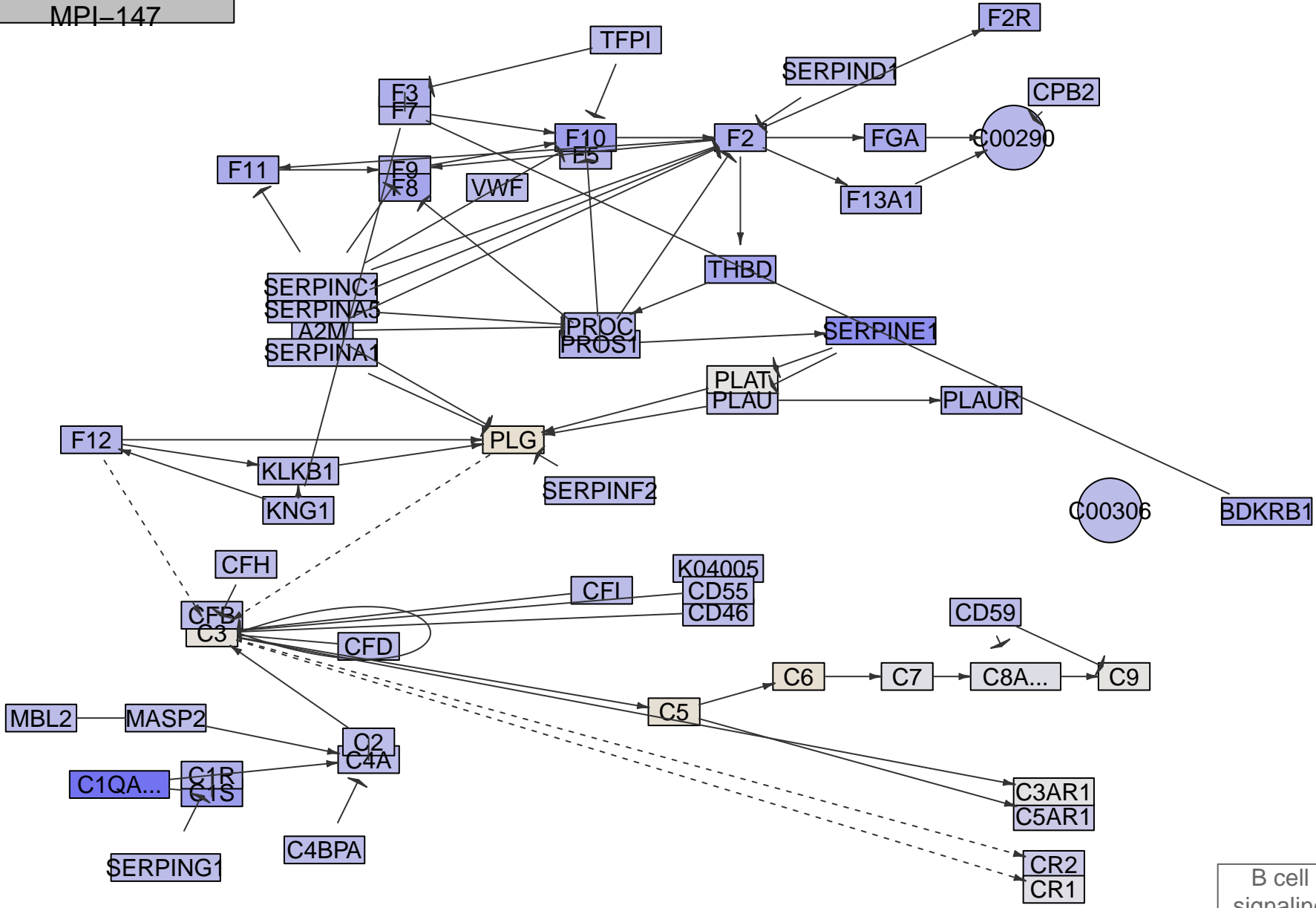
Complement and coagulation cascades
MPI-140



Complement and
coagulation cascades
MPI-144

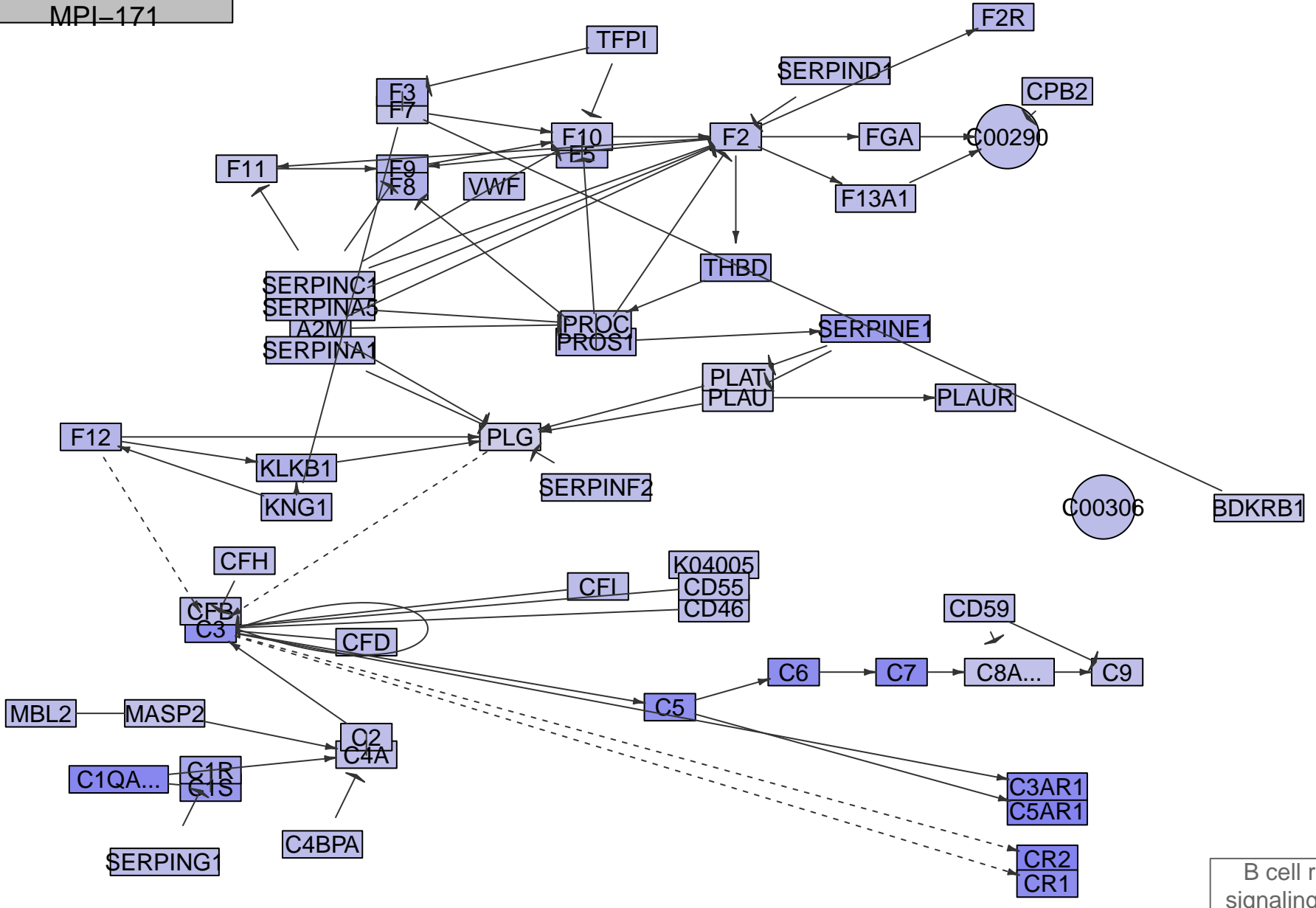


Complement and coagulation cascades
MPI-147



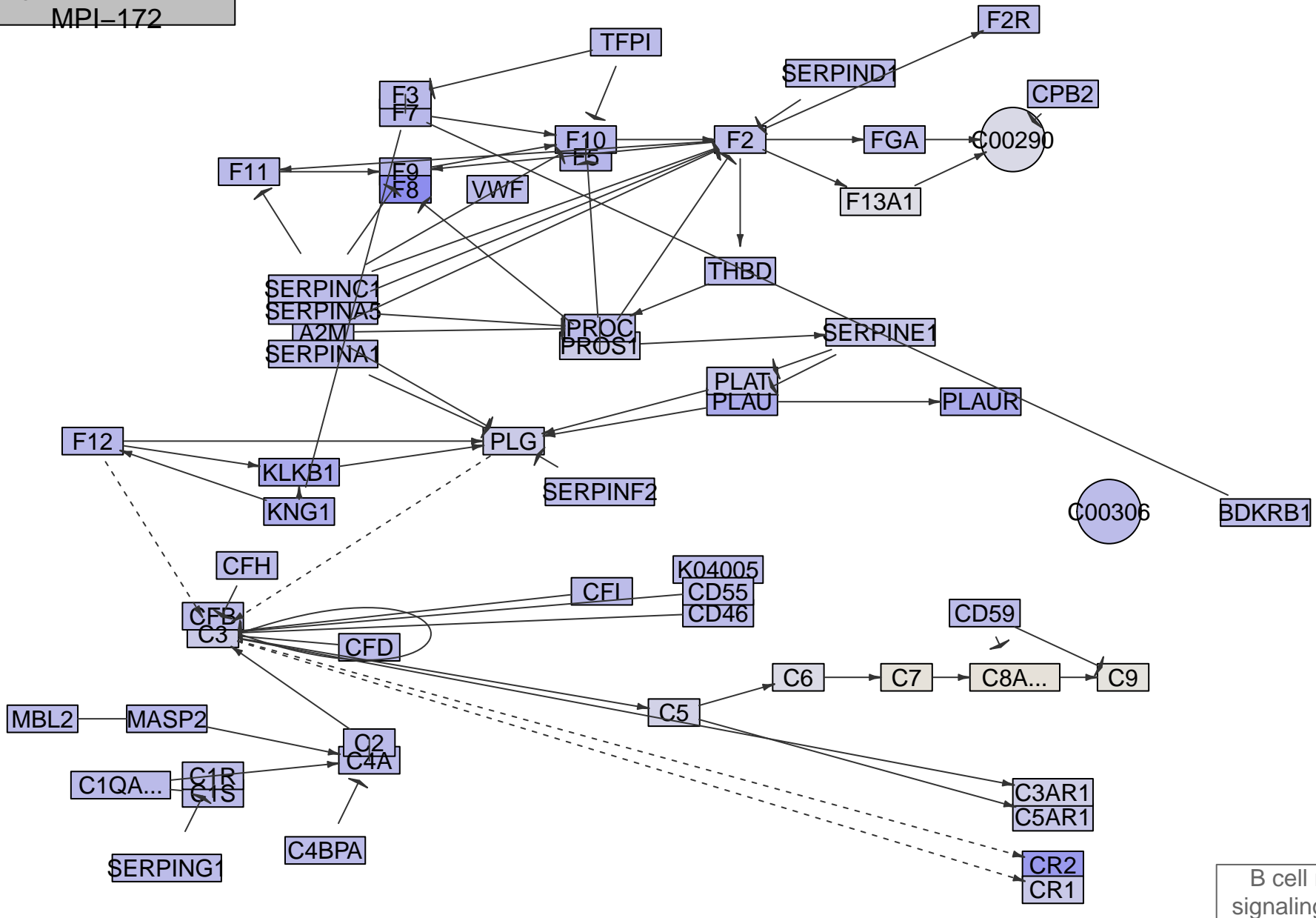
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-171

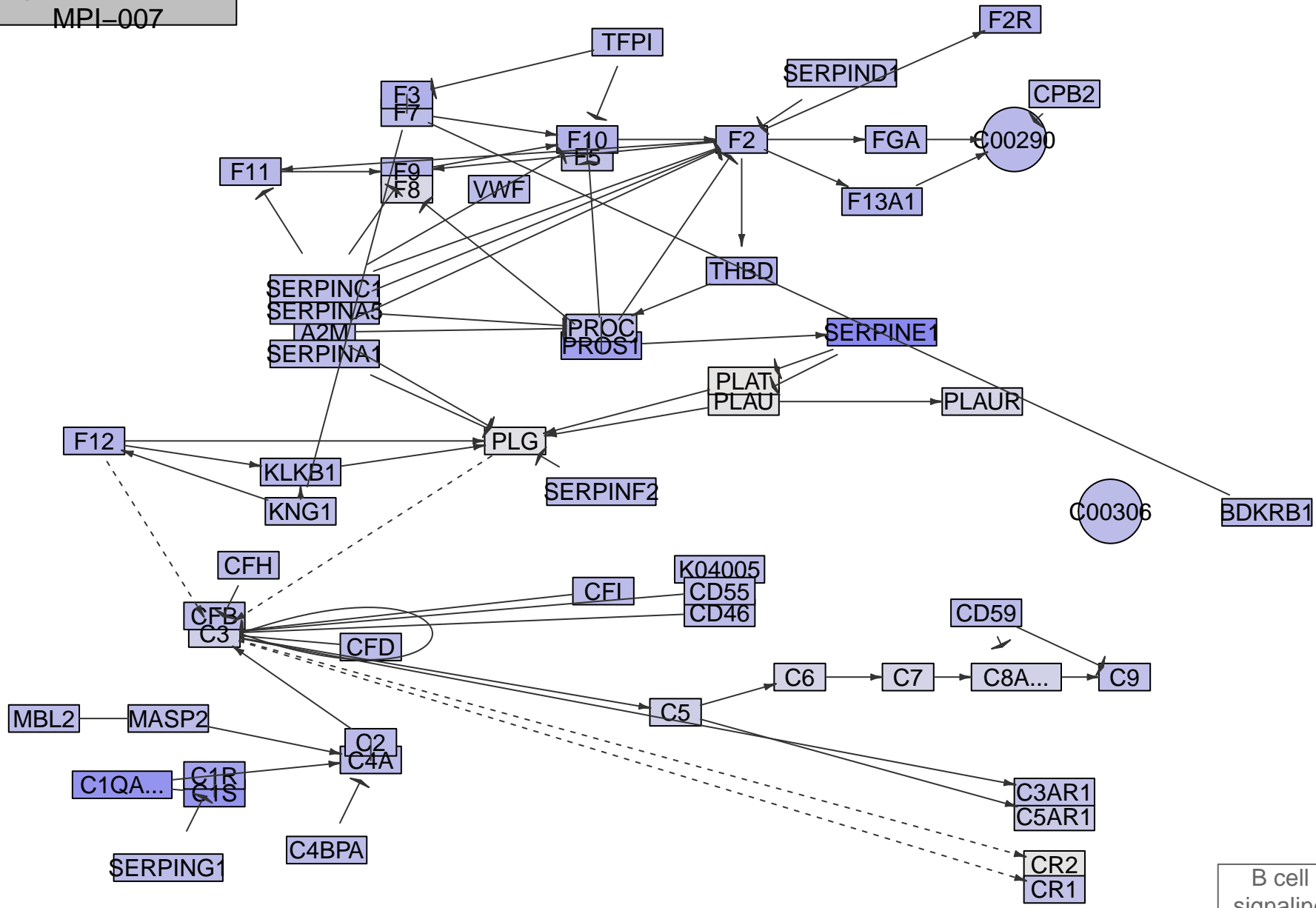


B cell receptor signaling pathway

Complement and coagulation cascades
MPI-172

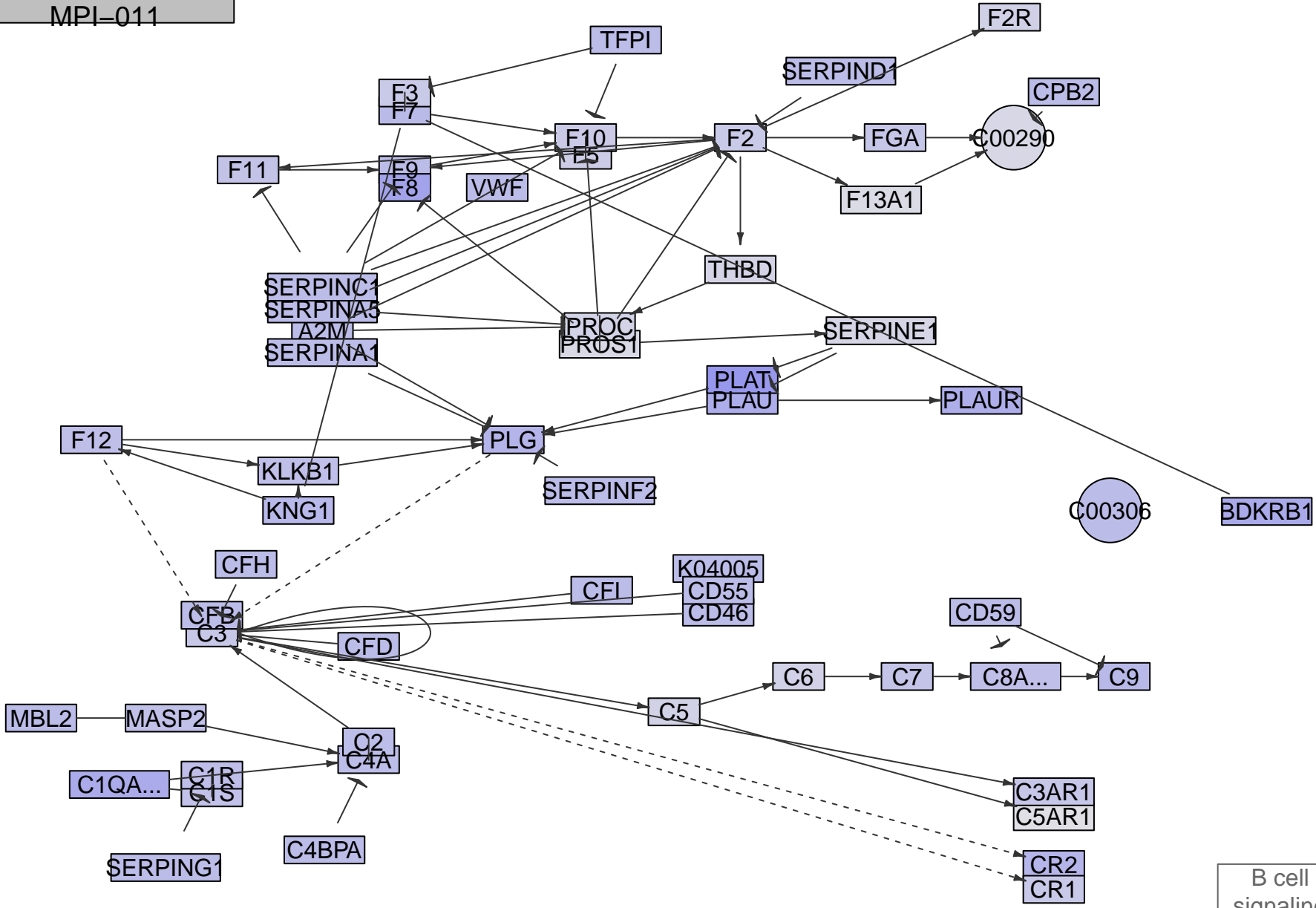


Complement and
coagulation cascades
MPI-007



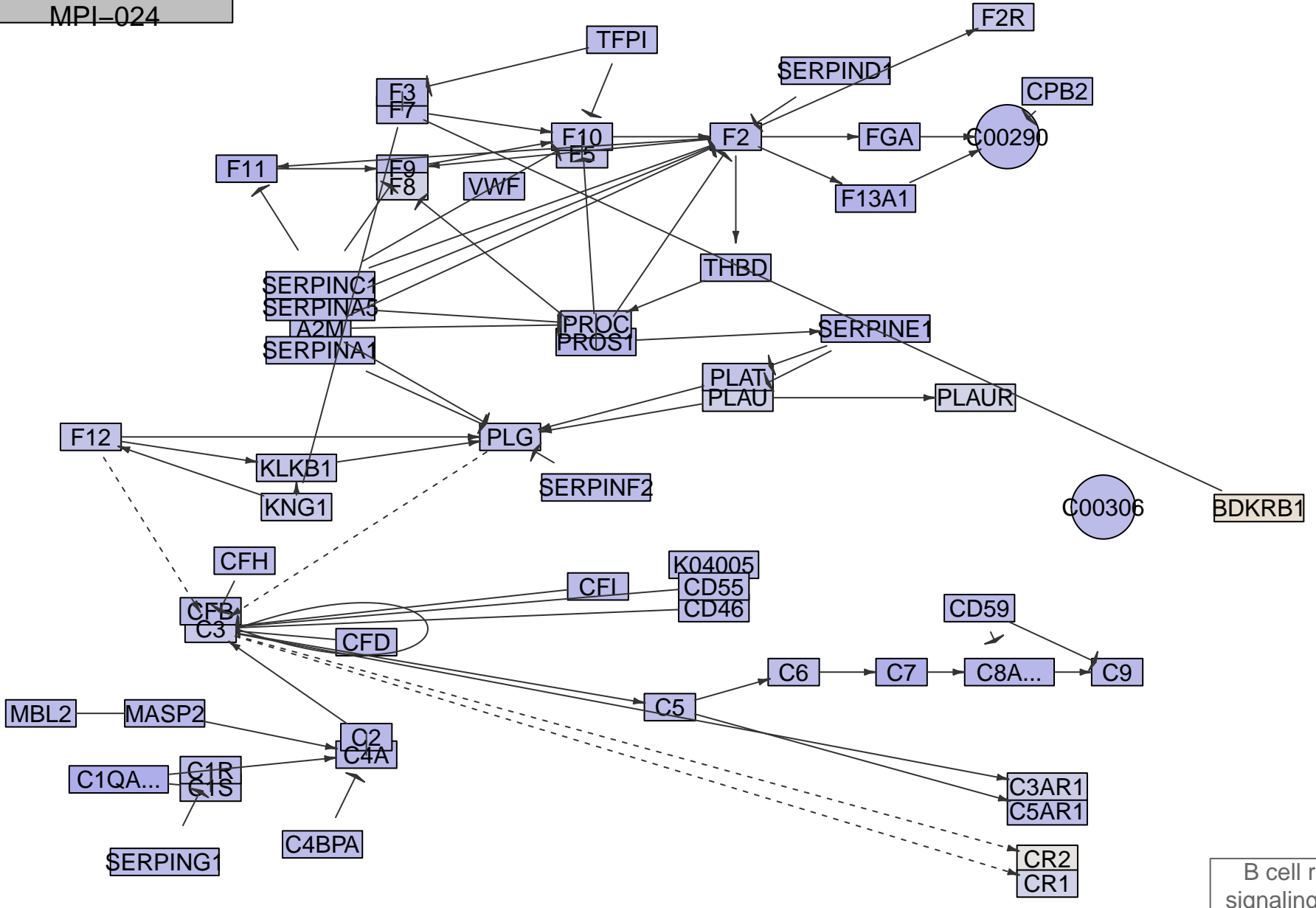
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-011



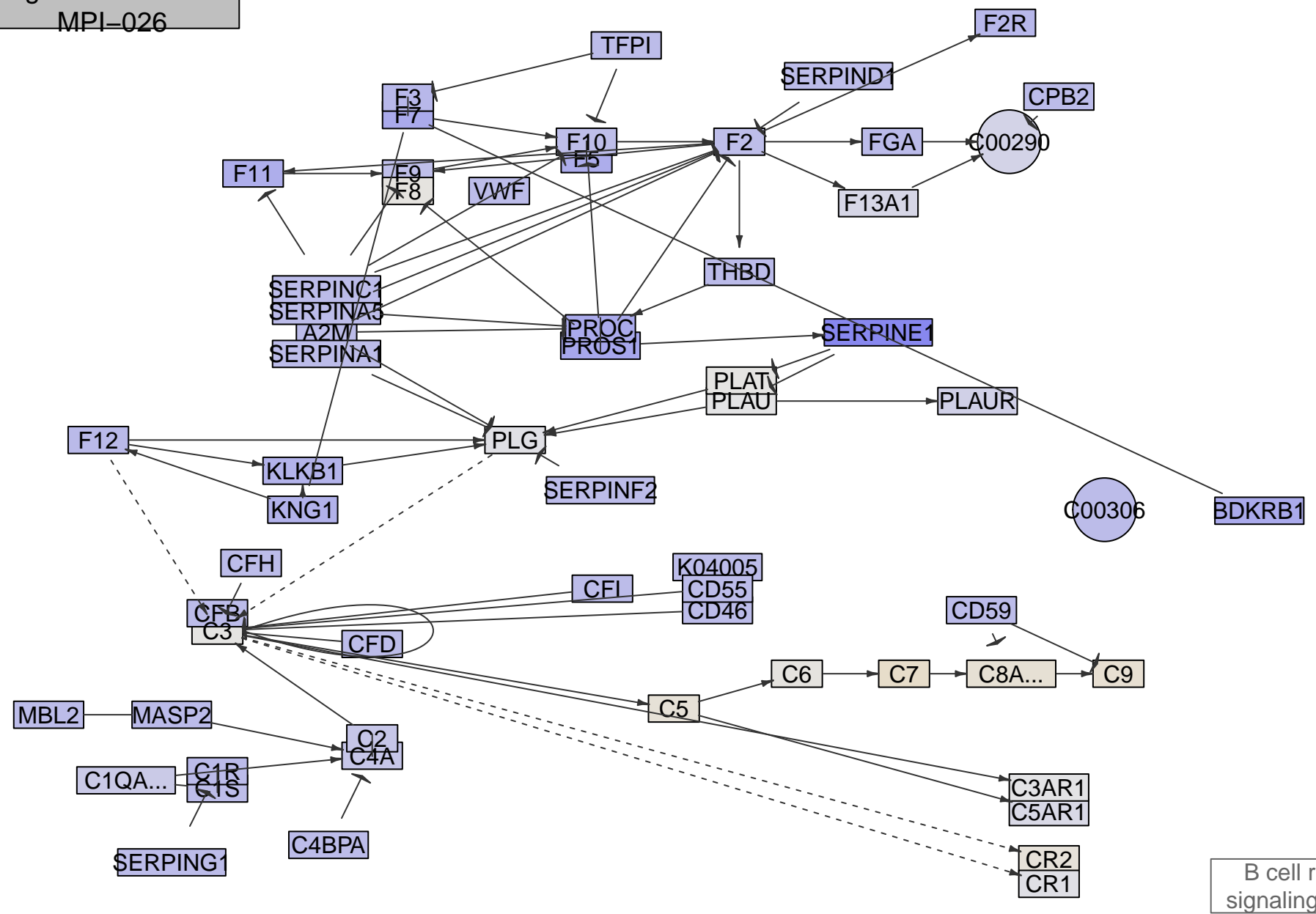
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-024

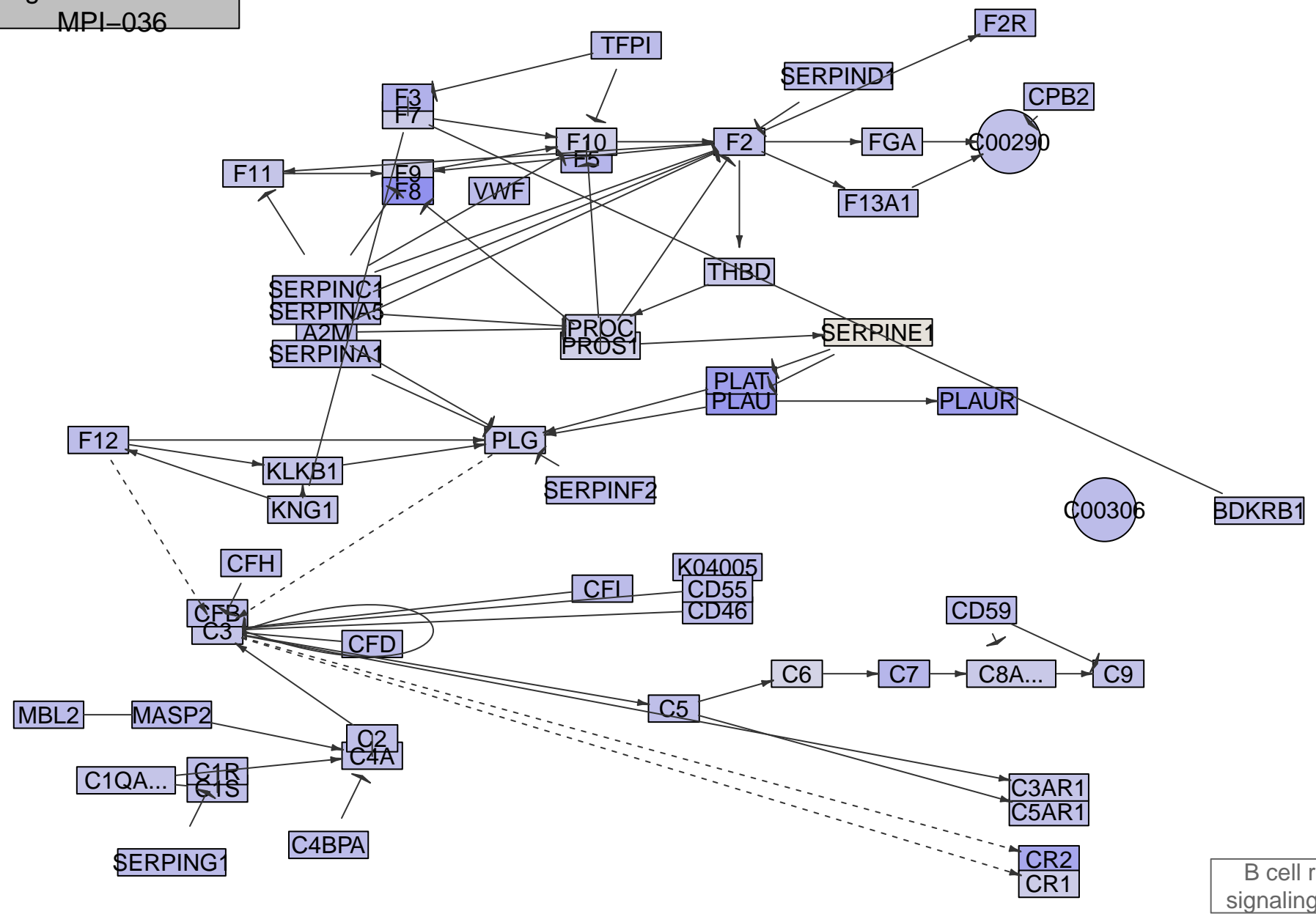


B cell receptor
signaling pathway

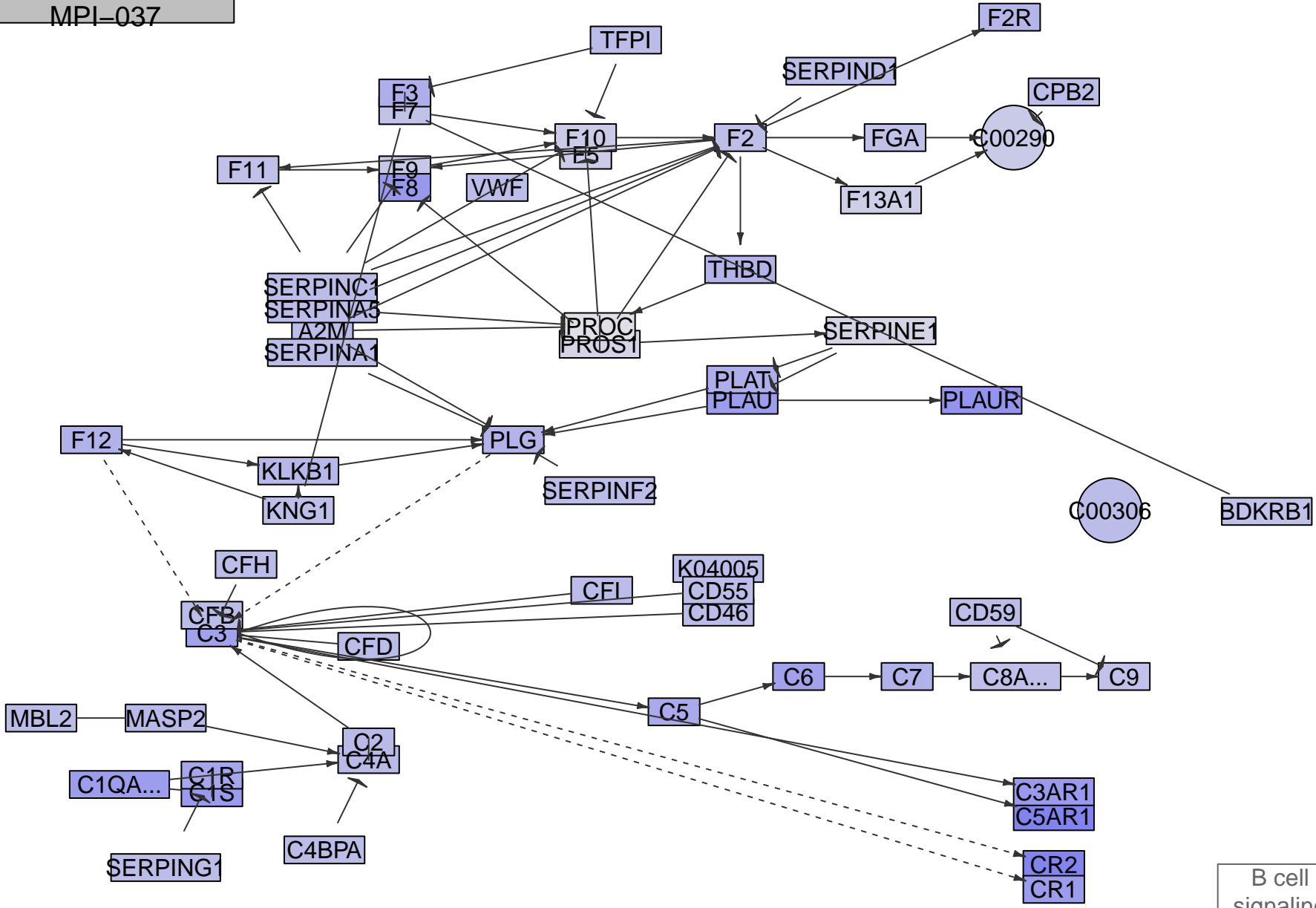
Complement and
coagulation cascades
MPI-026



Complement and
coagulation cascades
MPI-036

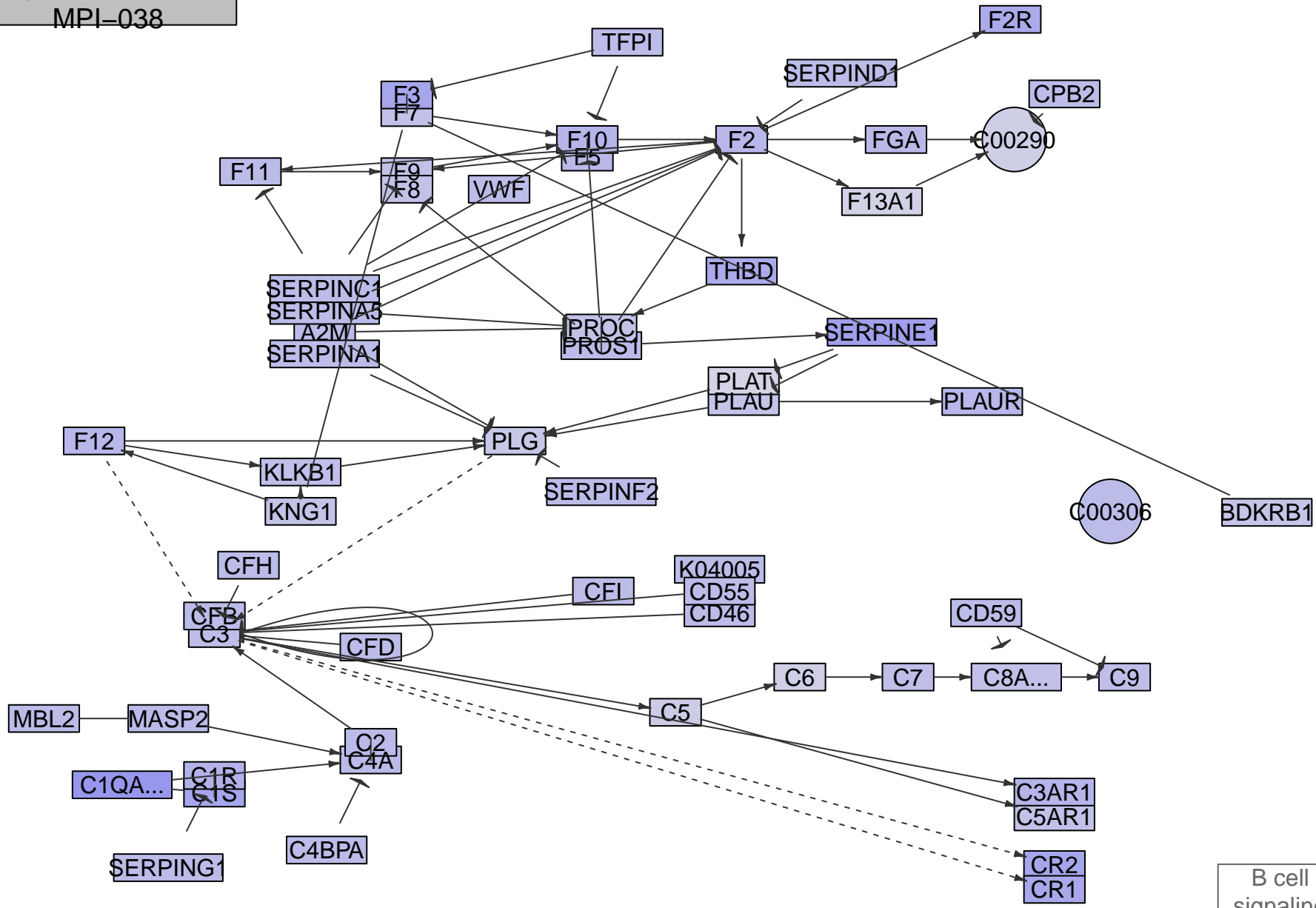


Complement and
coagulation cascades
MPI-037



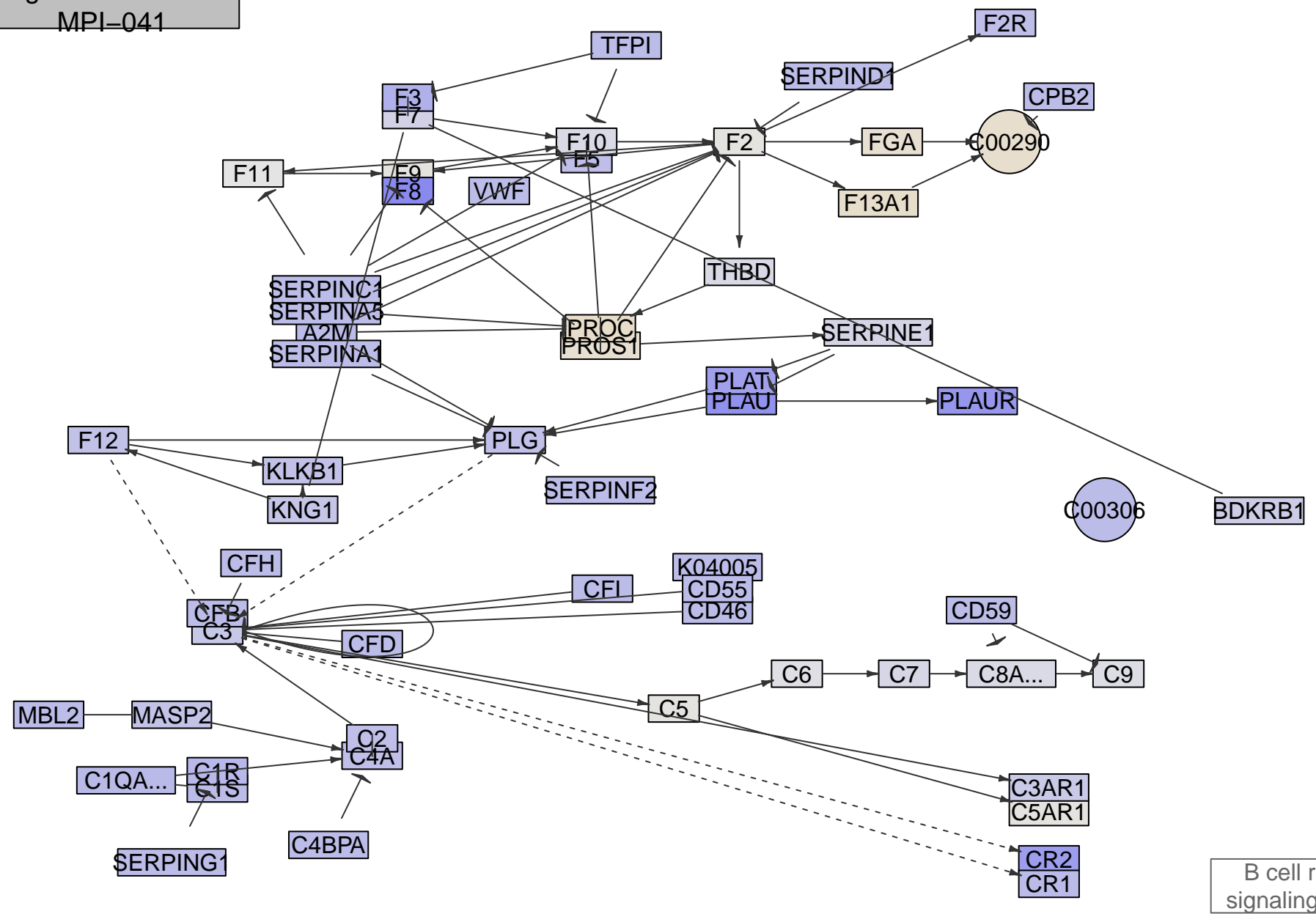
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-038

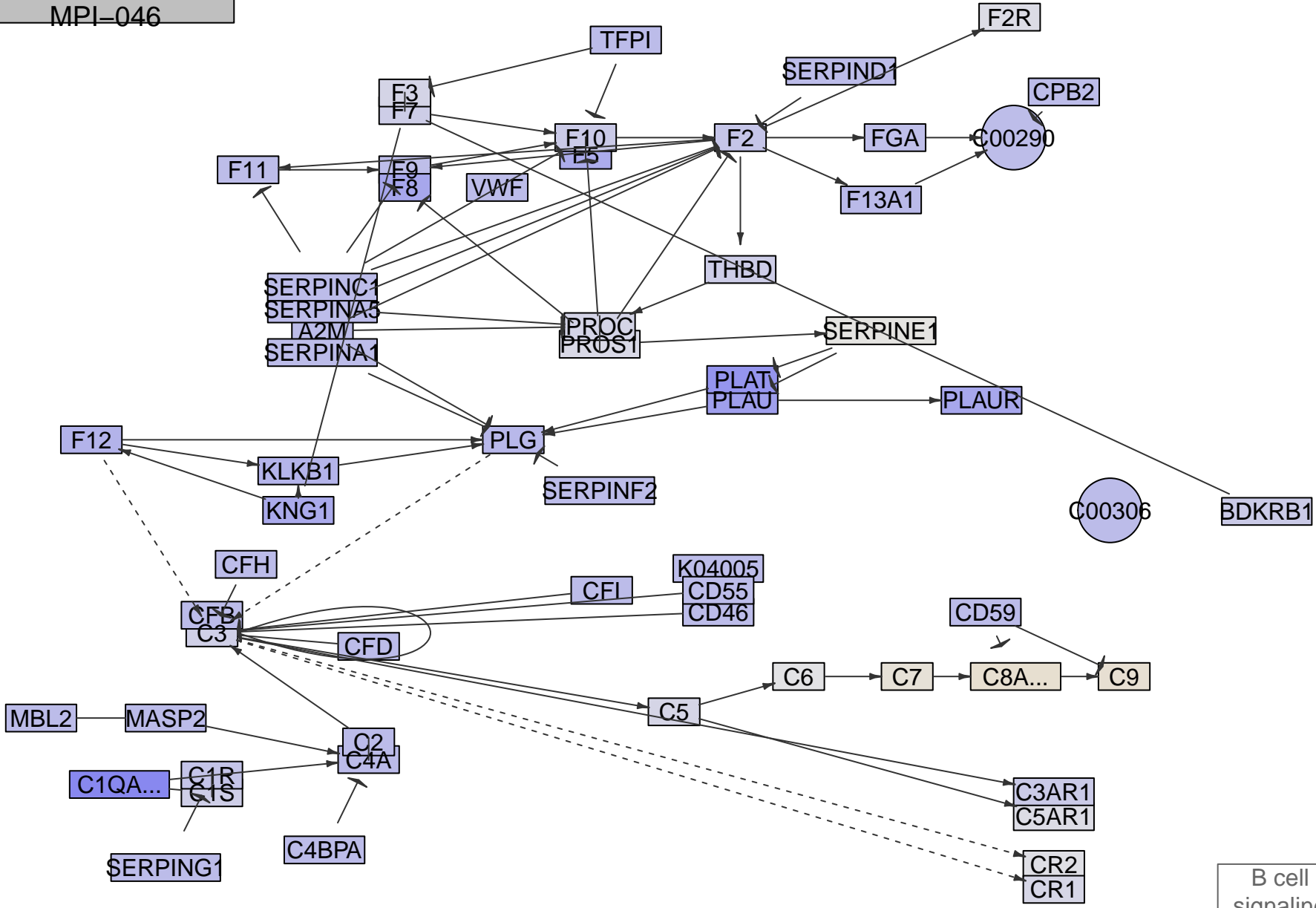


B cell receptor signaling pathway

Complement and coagulation cascades
MPI-041

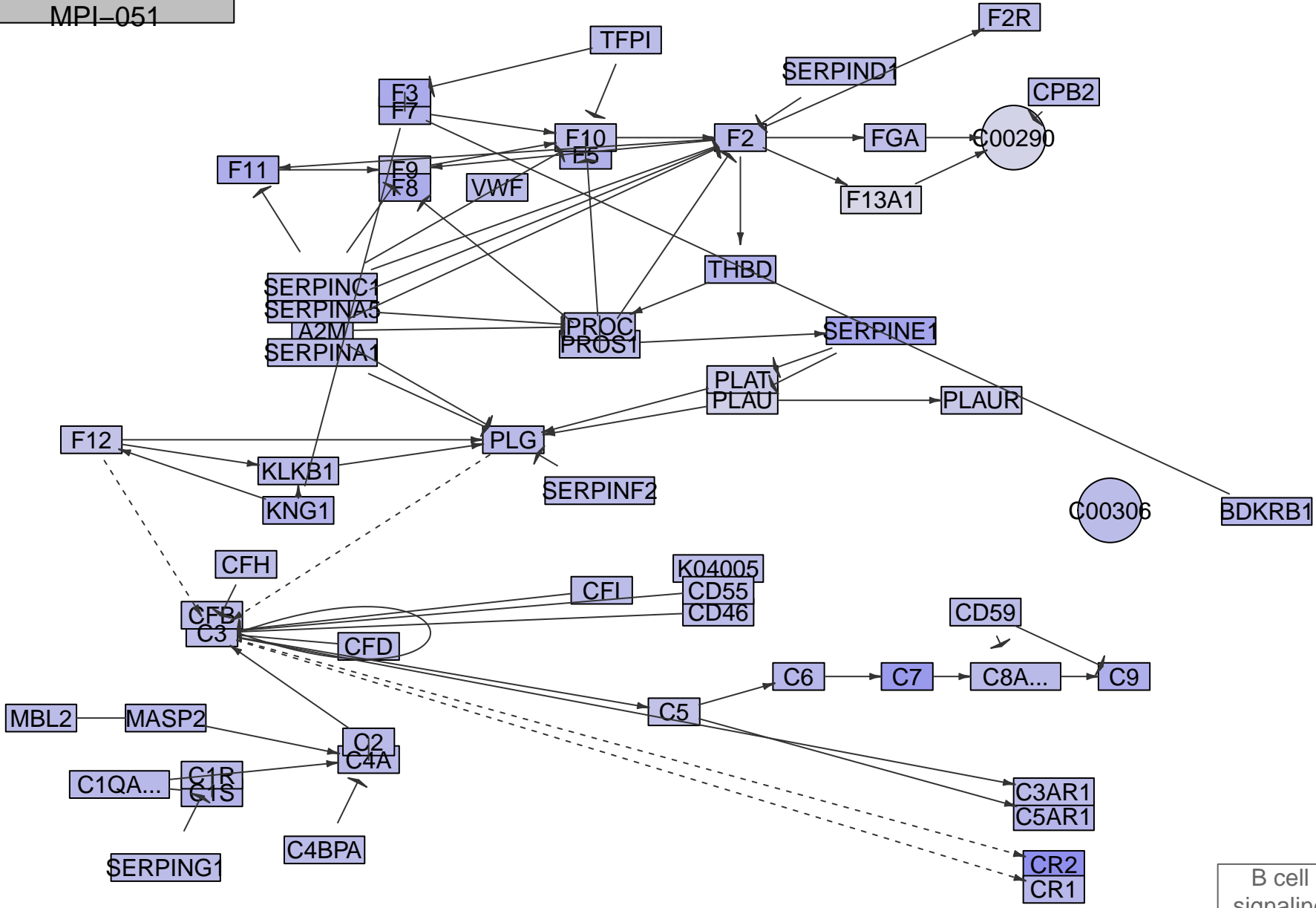


Complement and
coagulation cascades
MPI-046



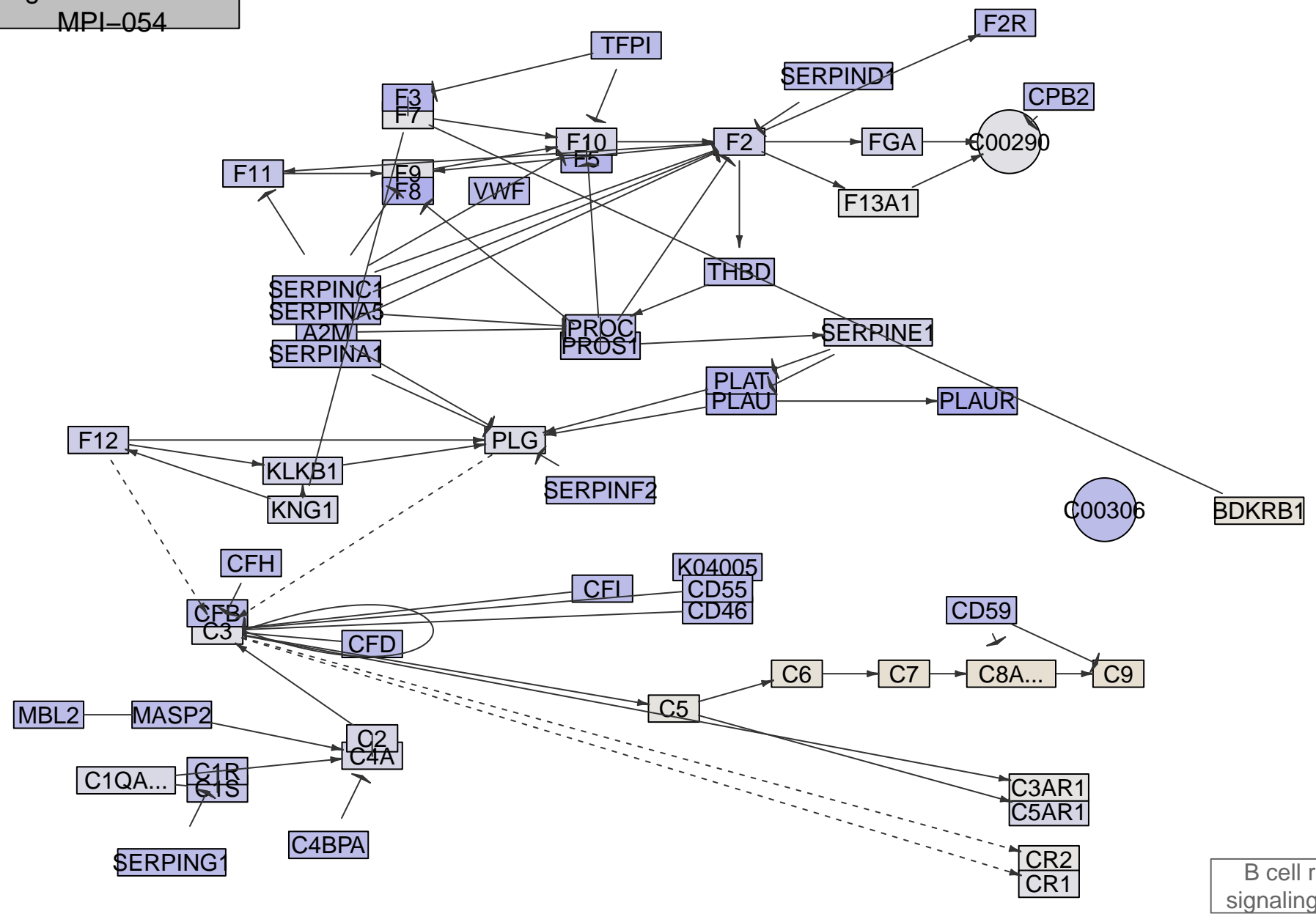
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-051

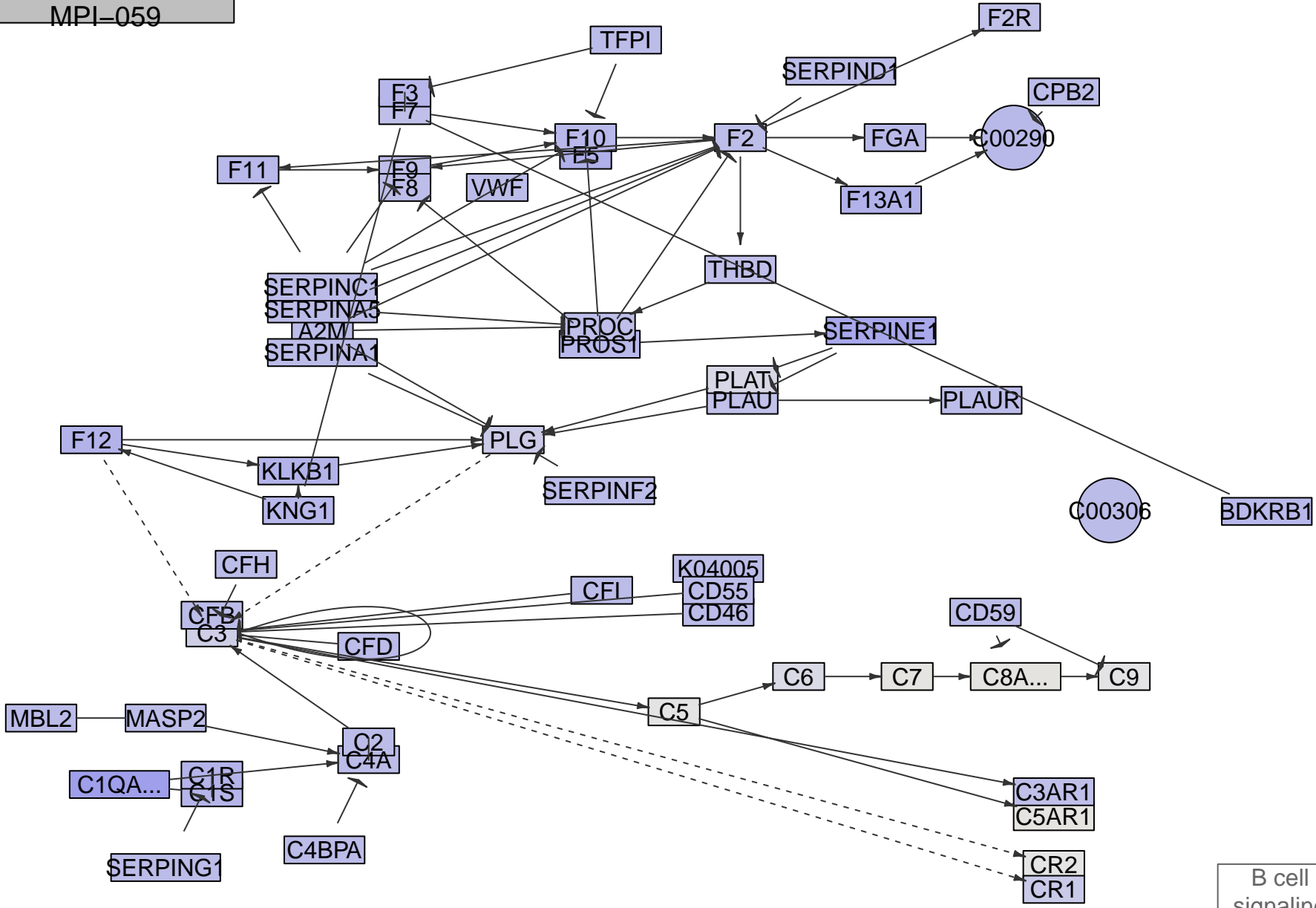


B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-054

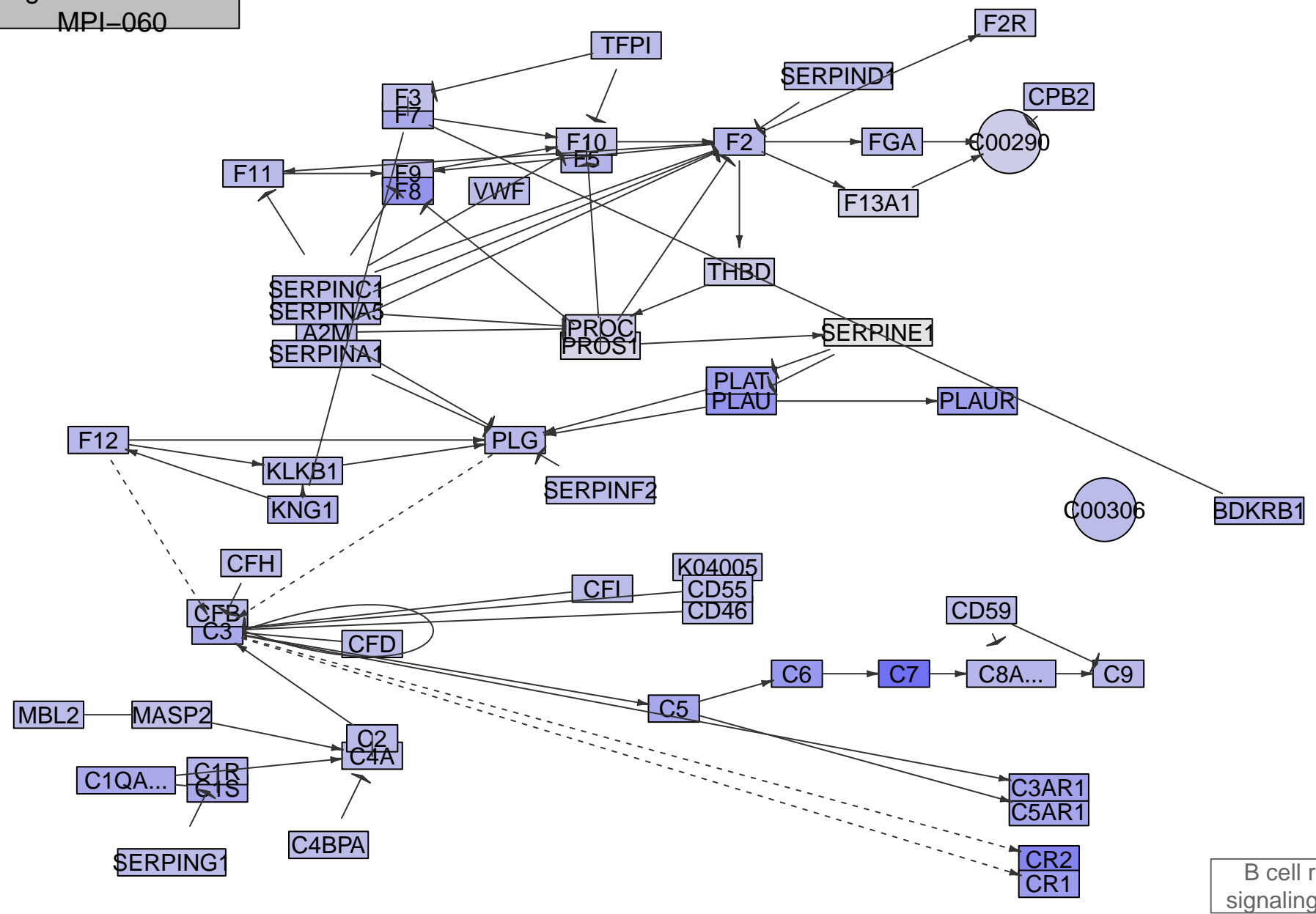


Complement and
coagulation cascades
MPI-059

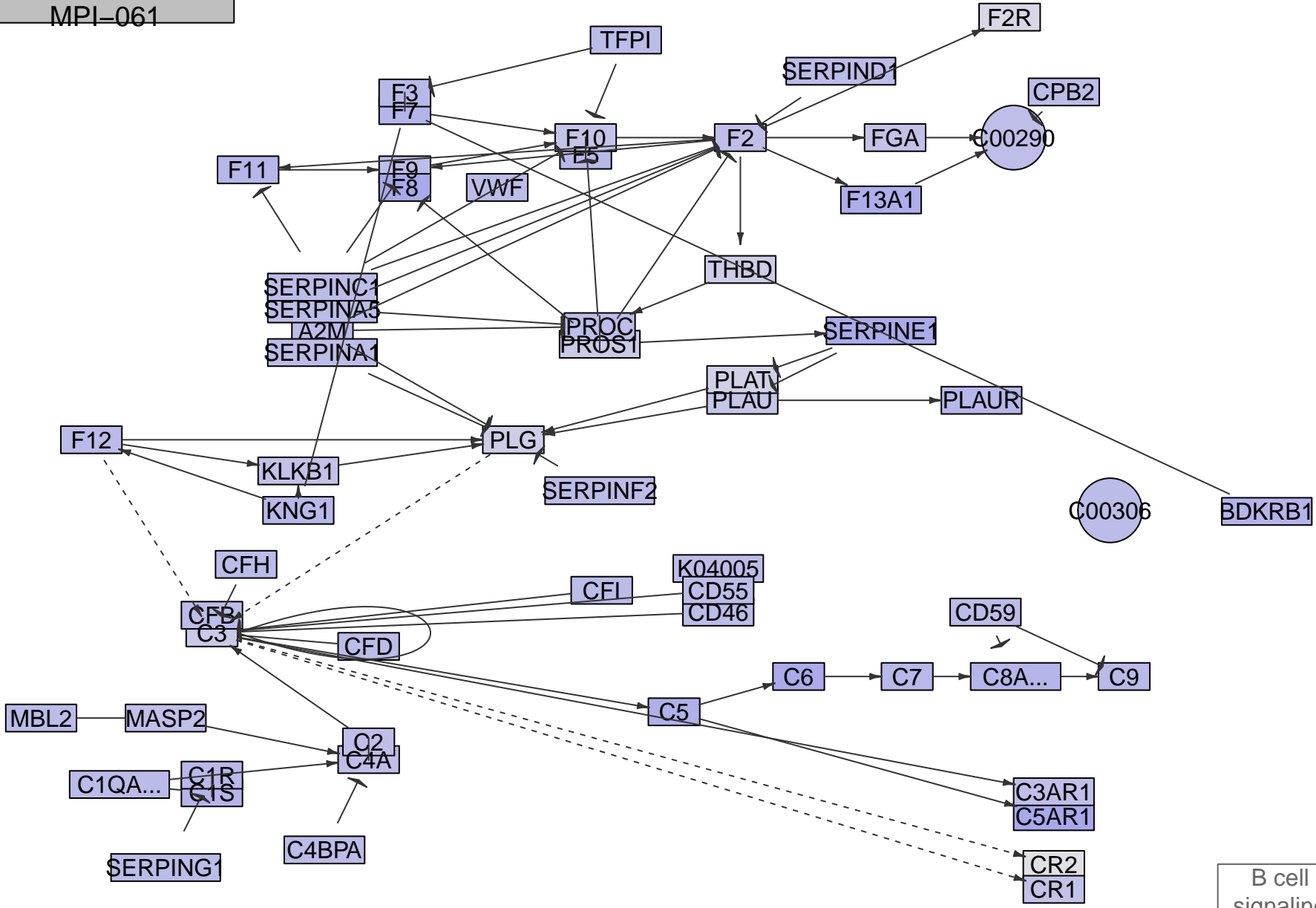


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-060

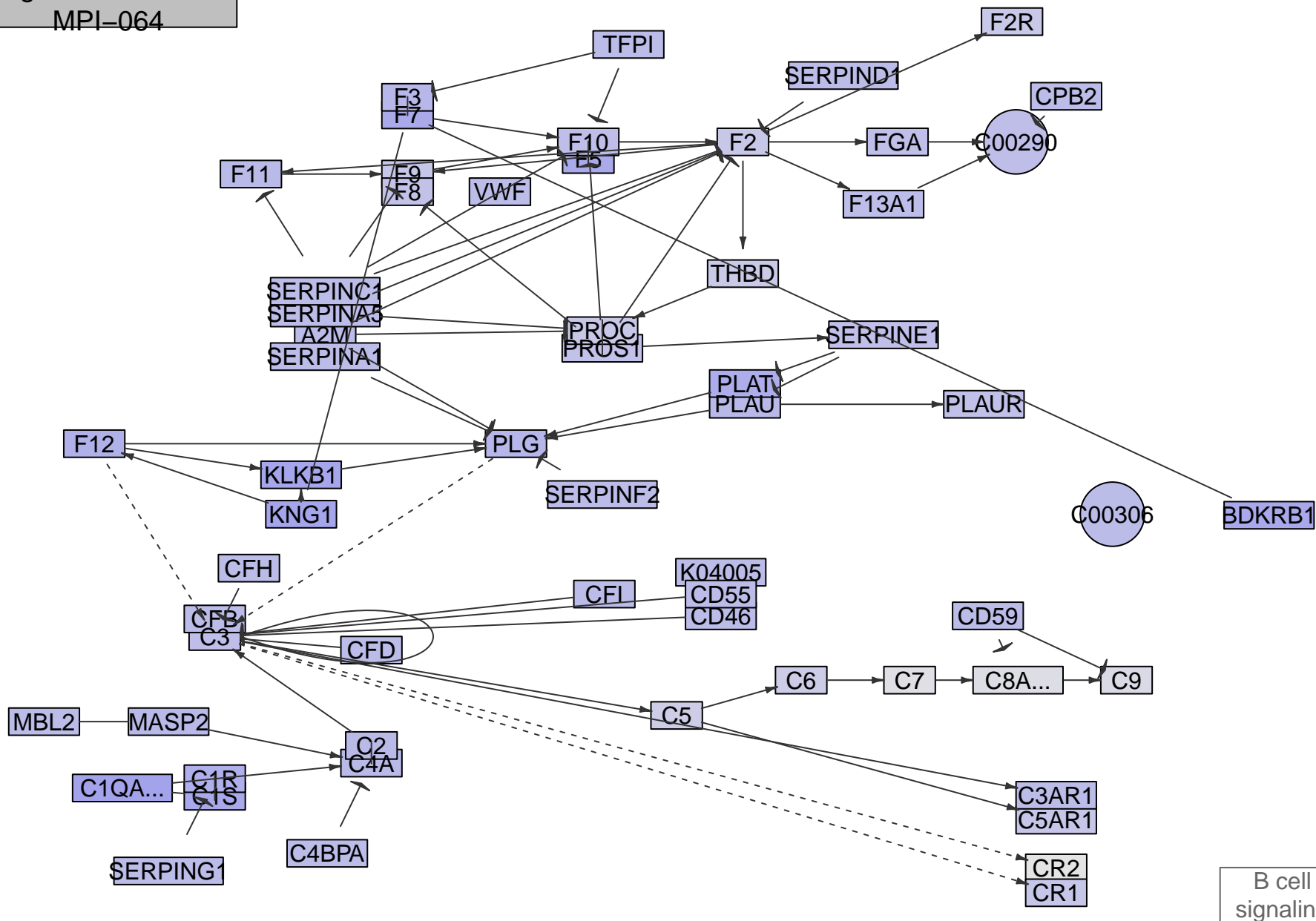


Complement and
coagulation cascades
MPI-061

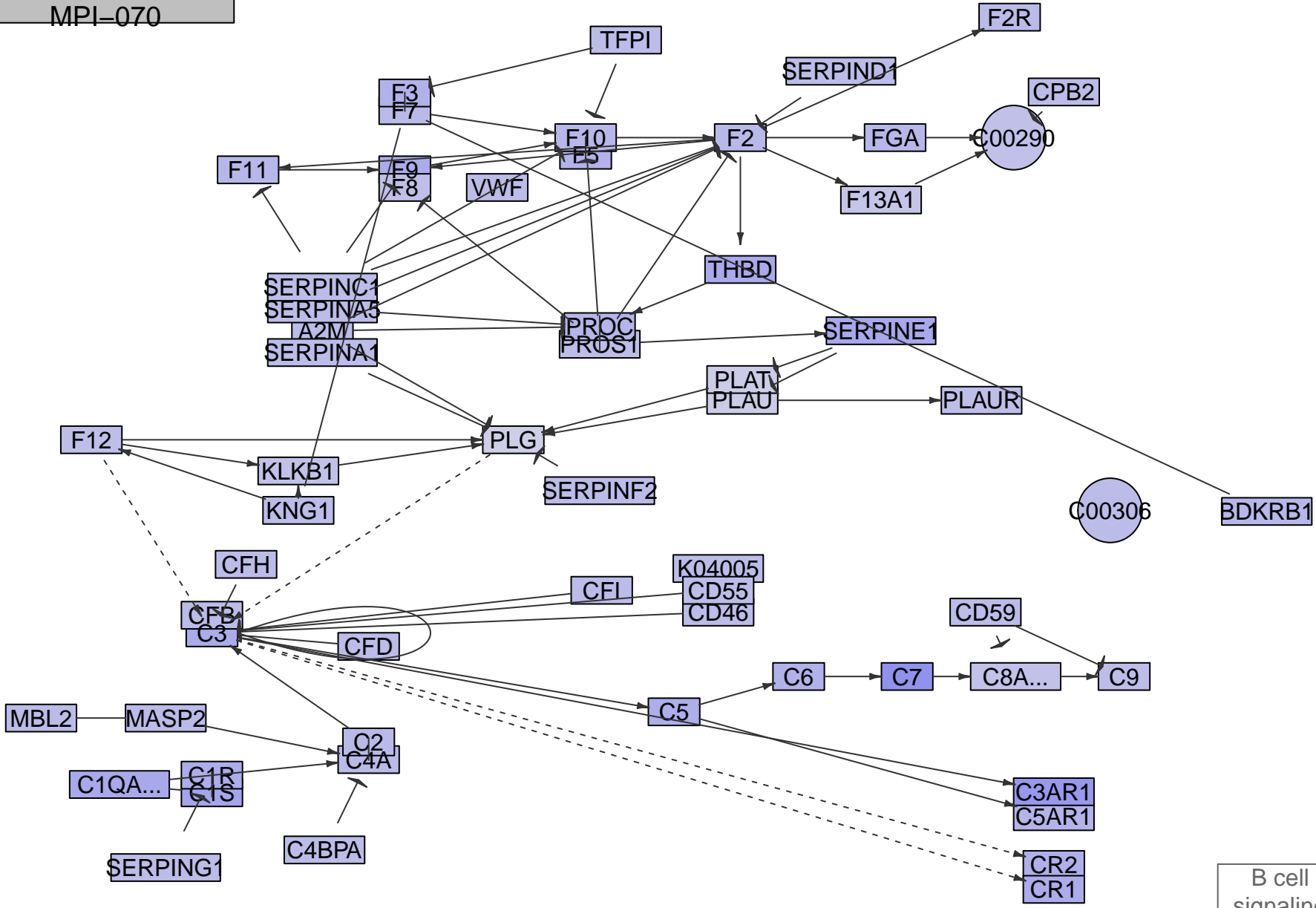


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-064

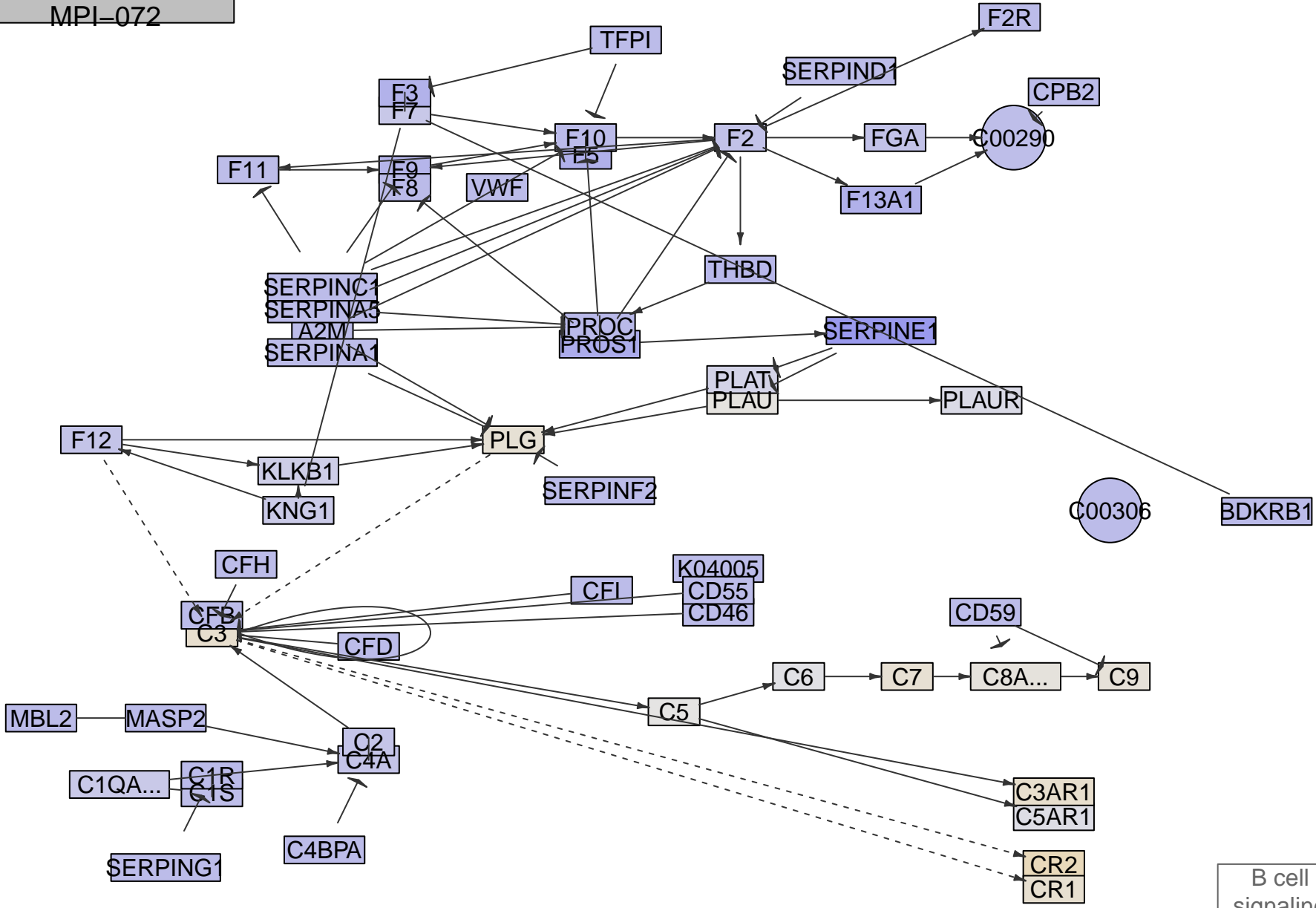


Complement and
coagulation cascades
MPI-070



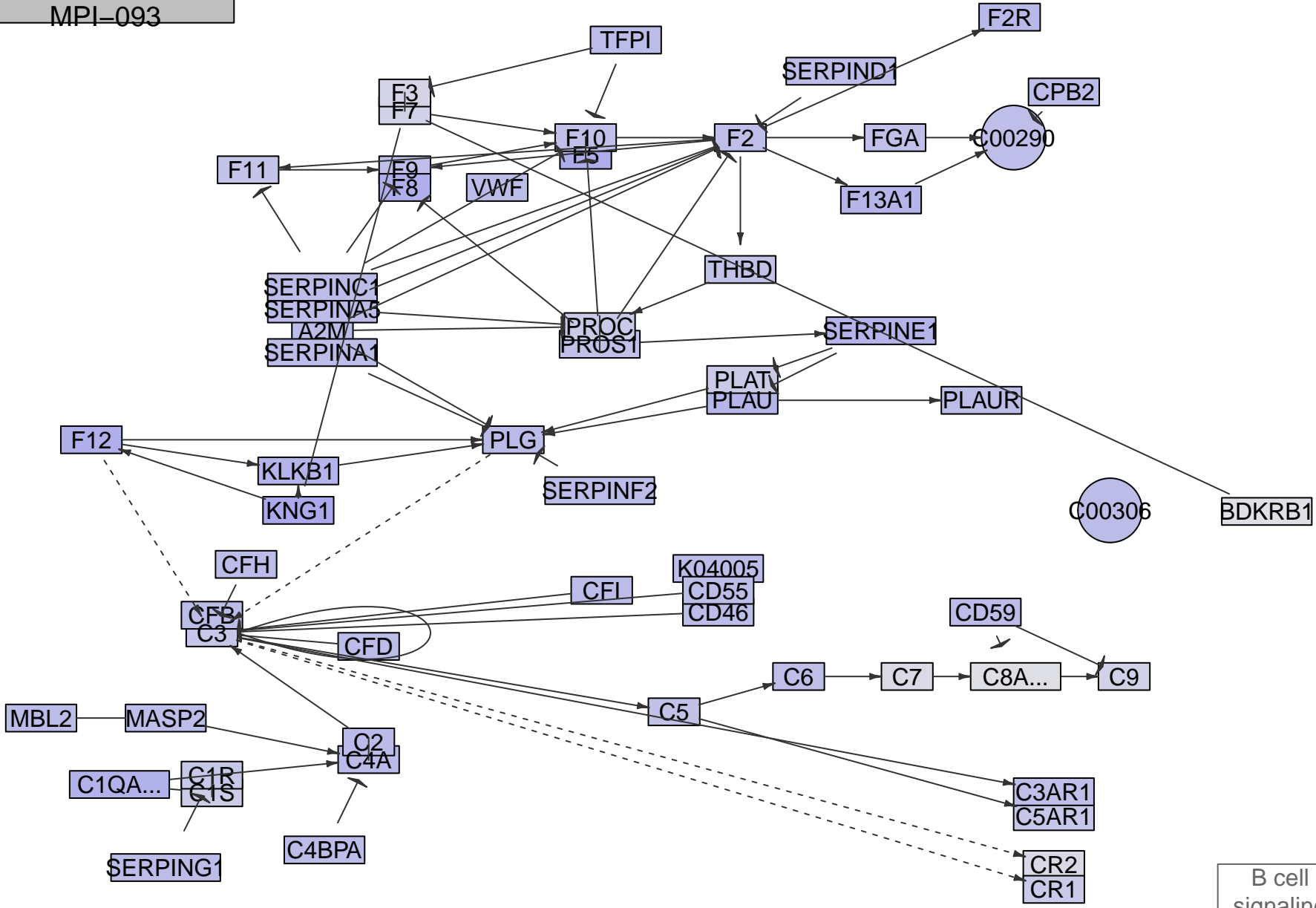
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-072



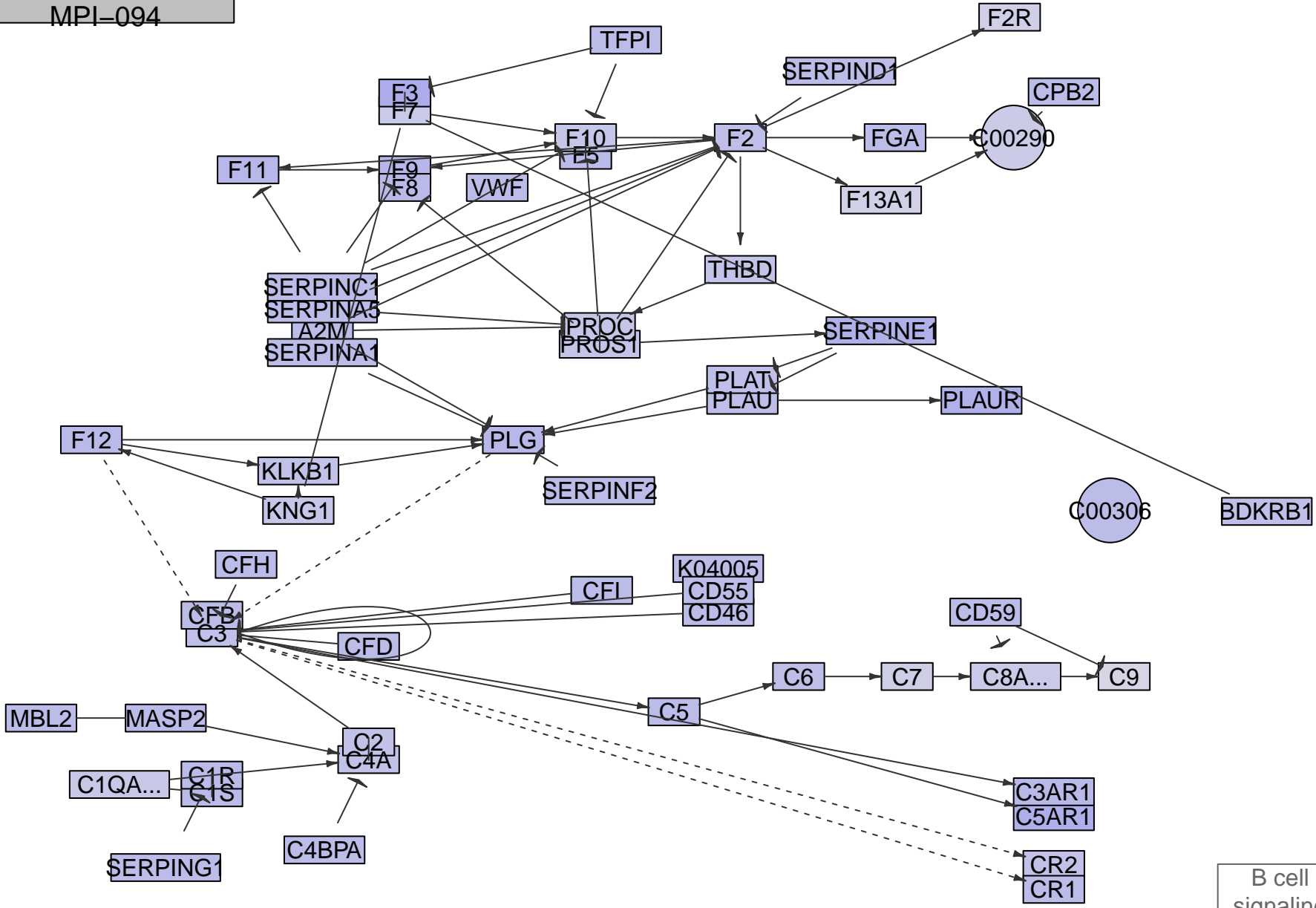
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-093



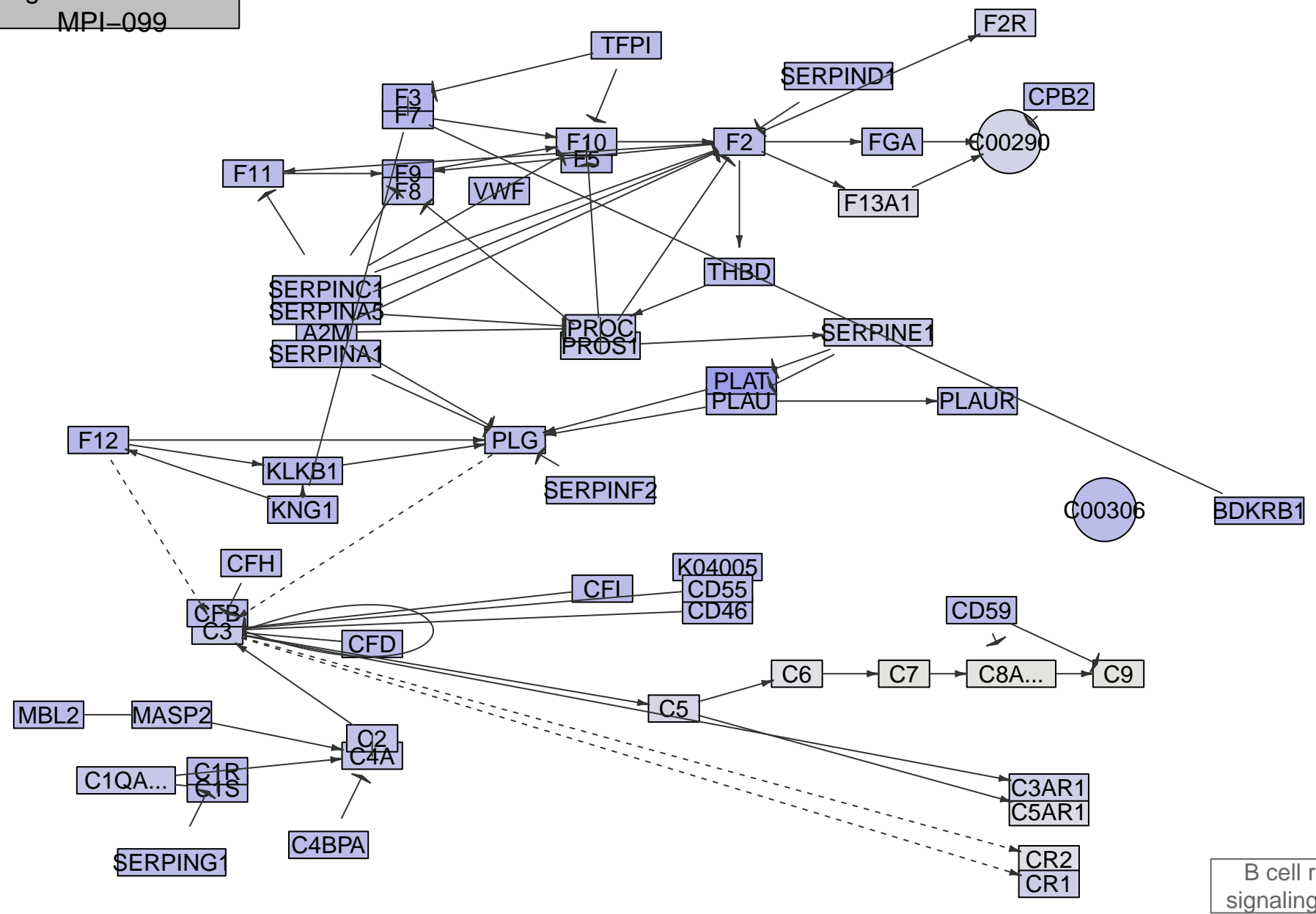
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-094



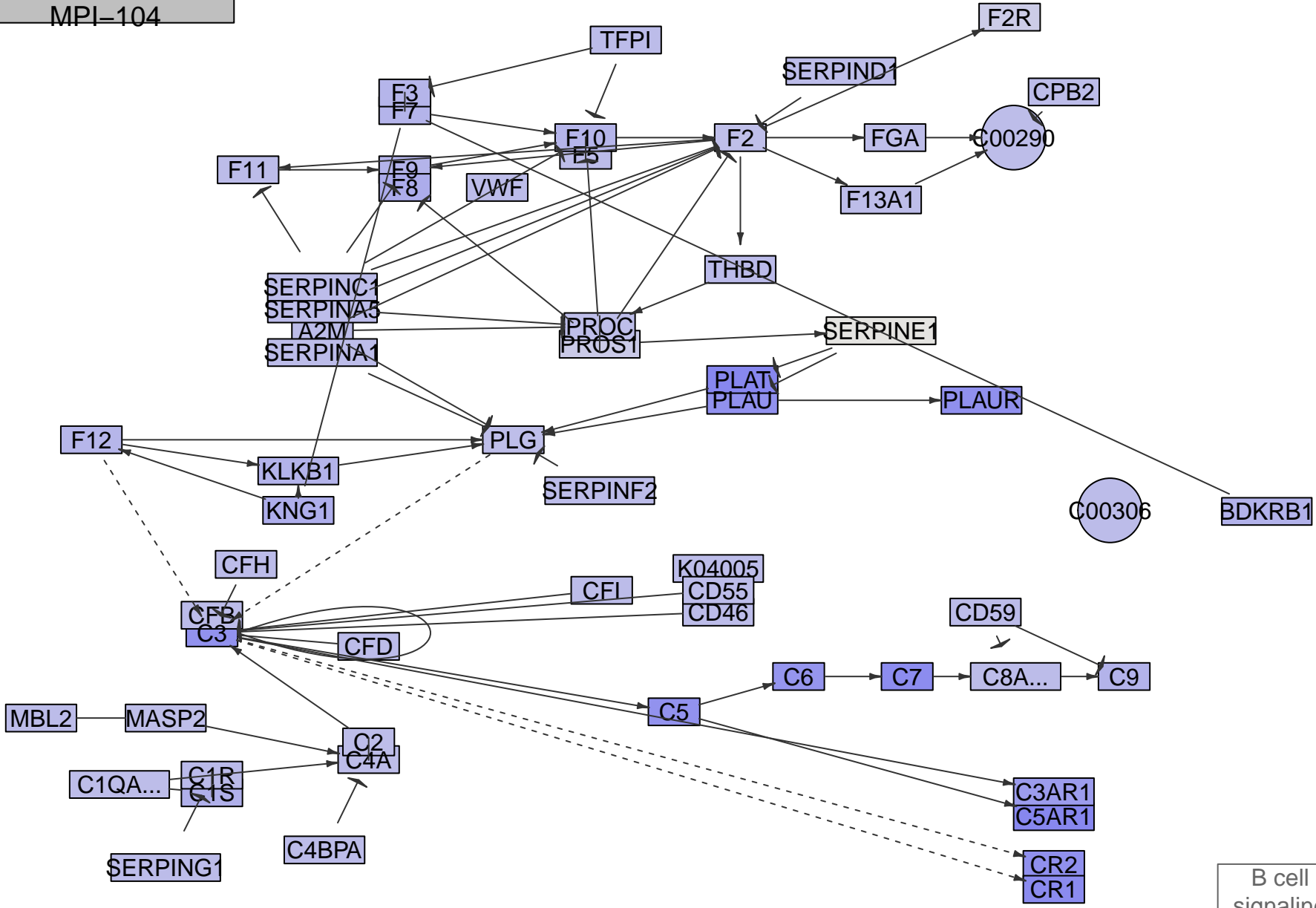
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-099



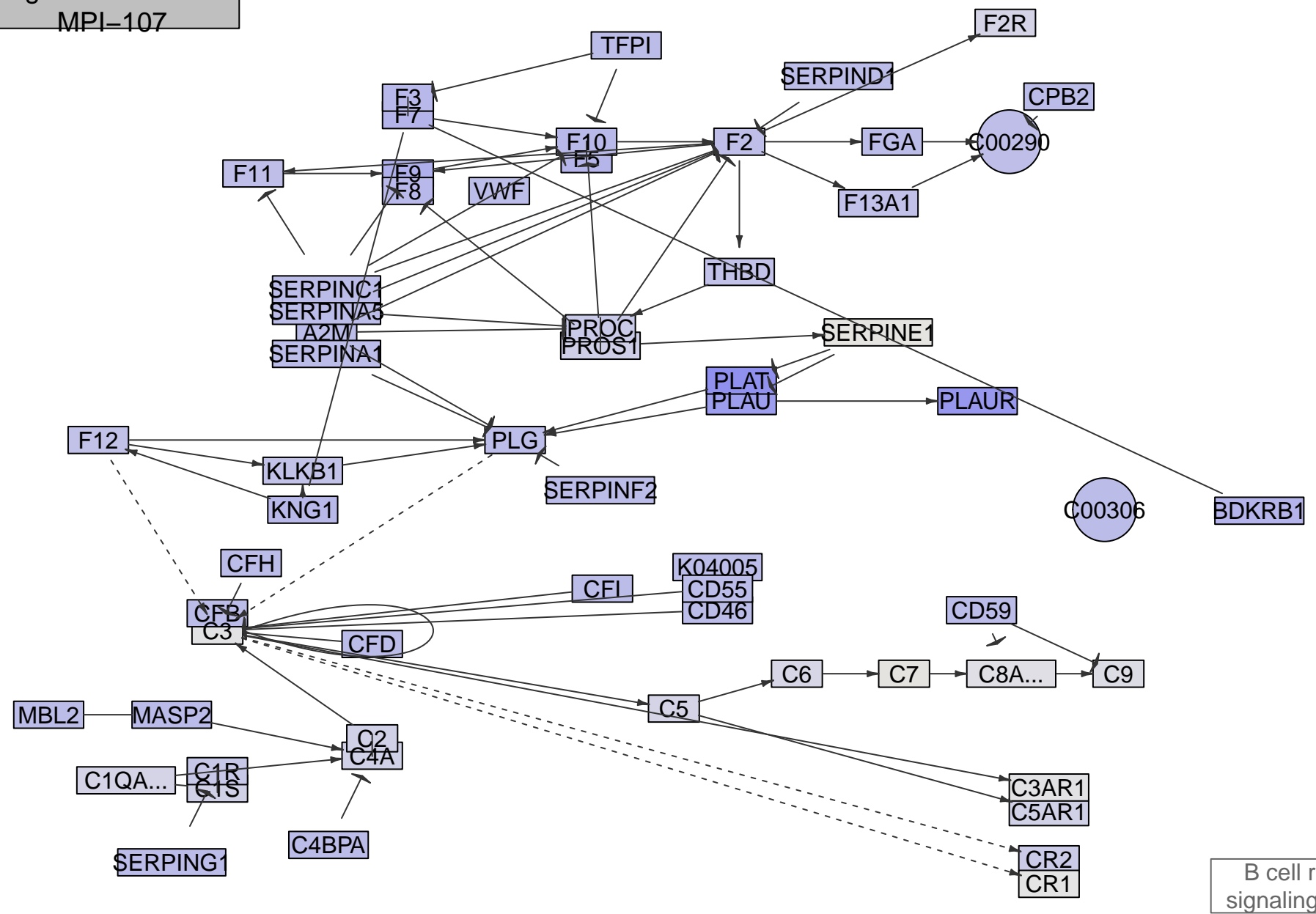
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-104

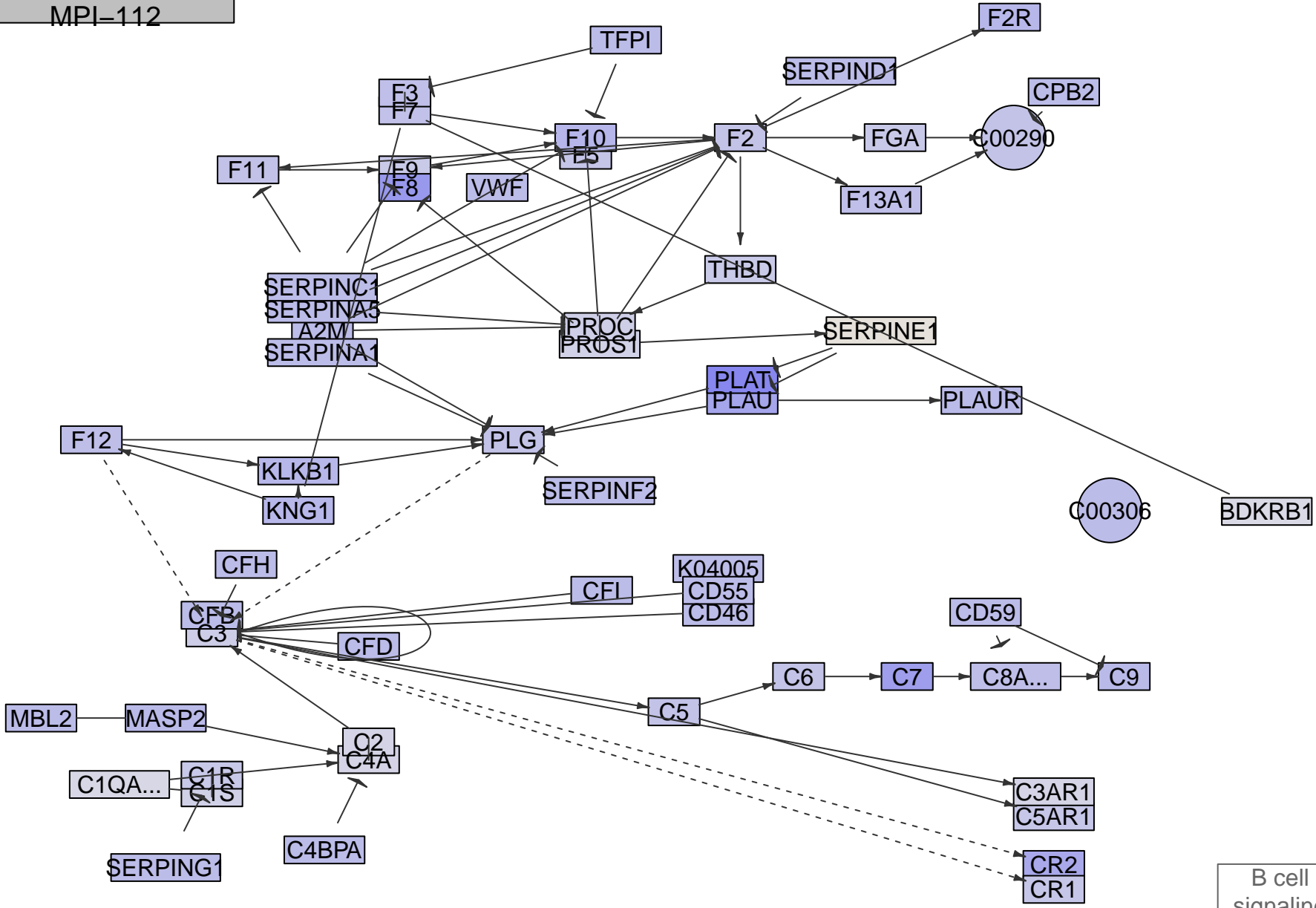


B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-107

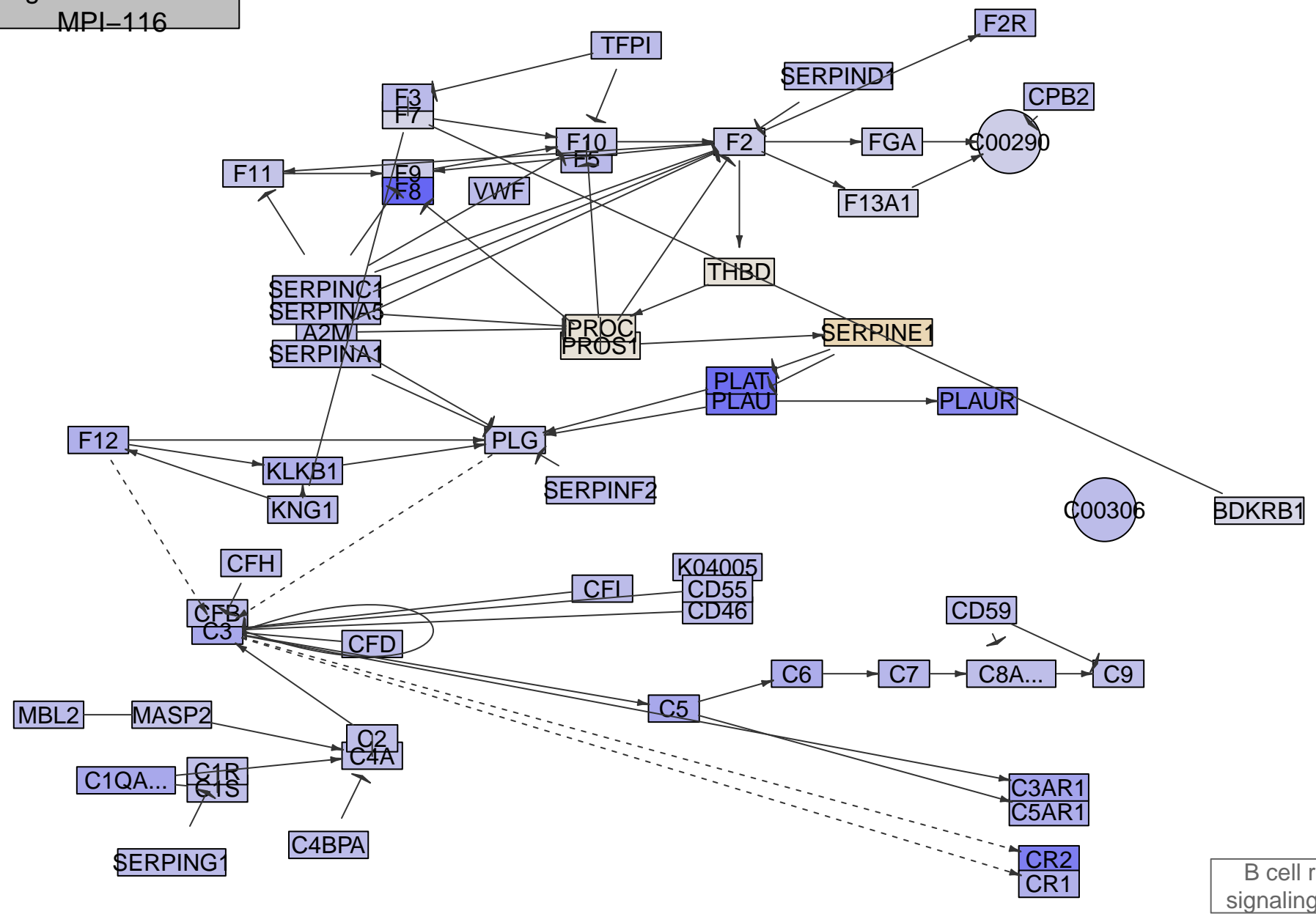


Complement and
coagulation cascades
MPI-112



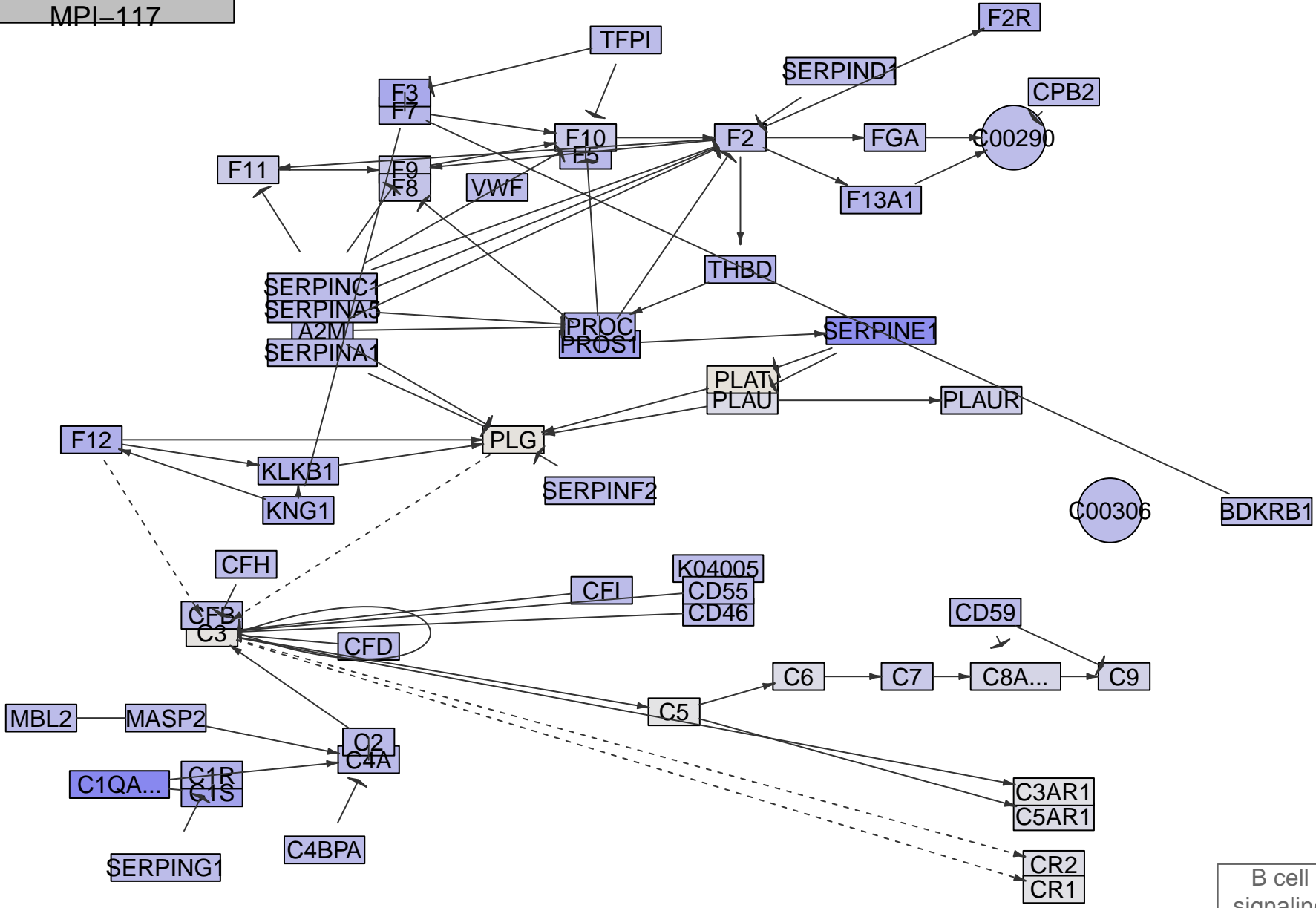
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-116



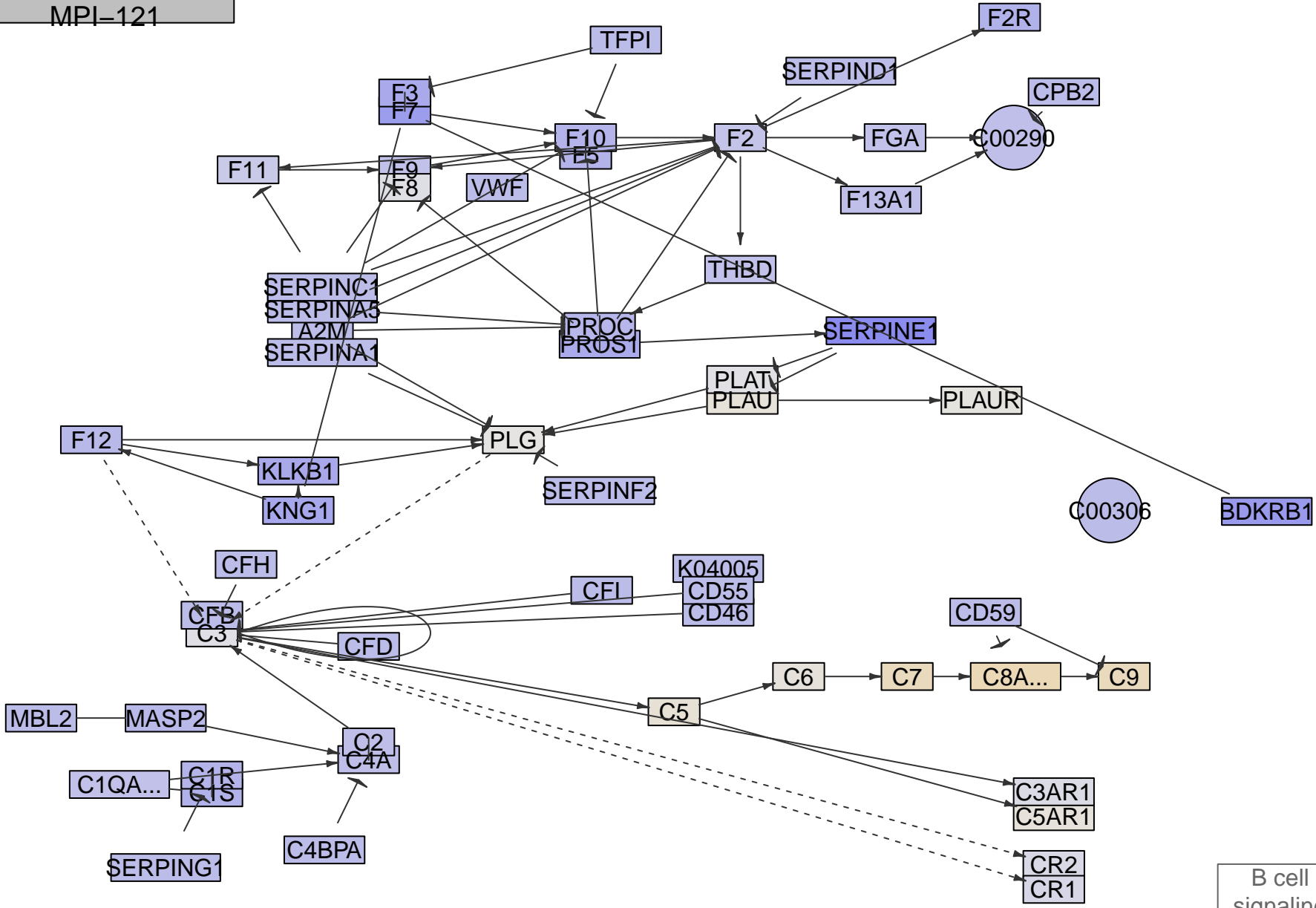
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-117



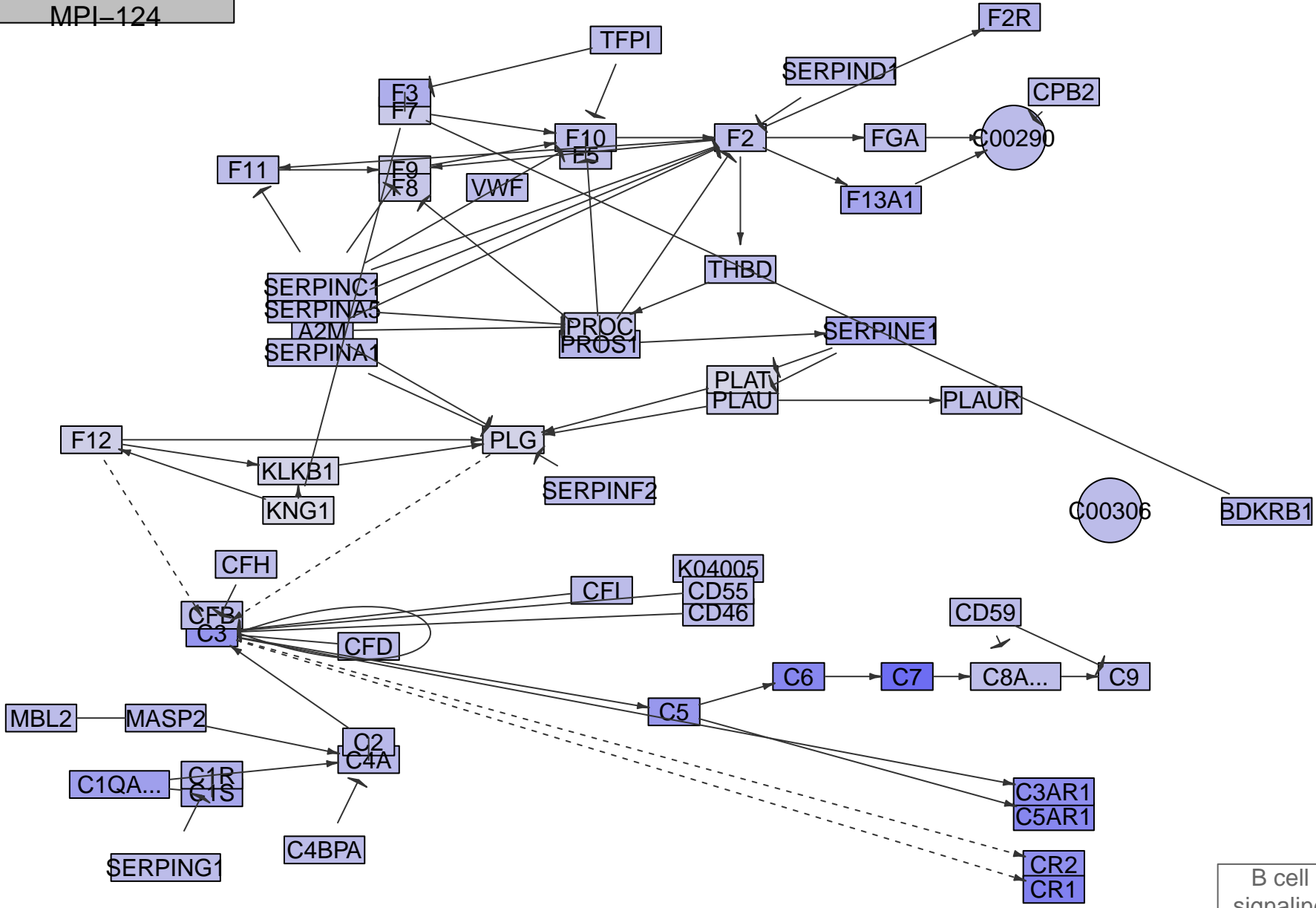
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-121



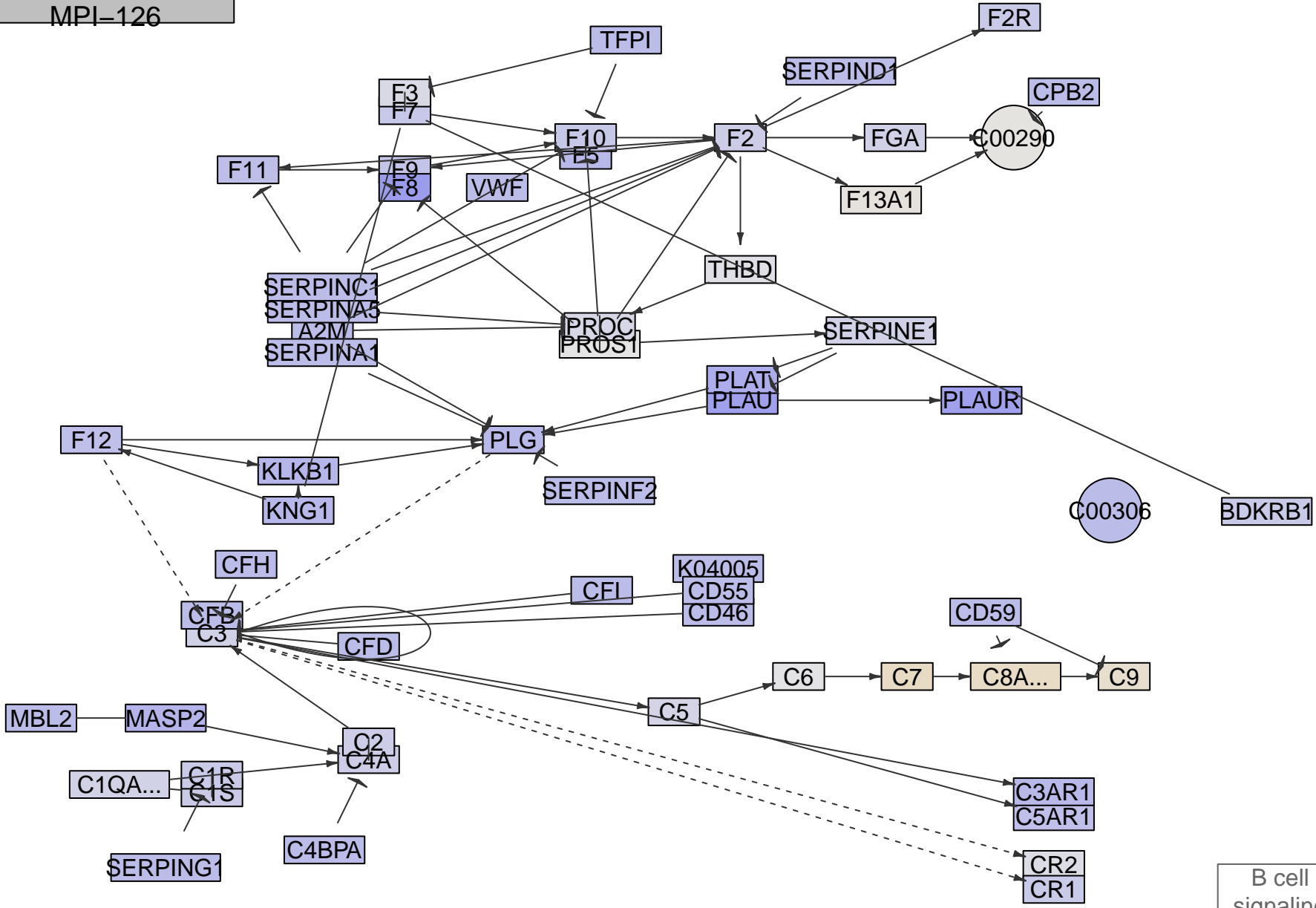
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-124



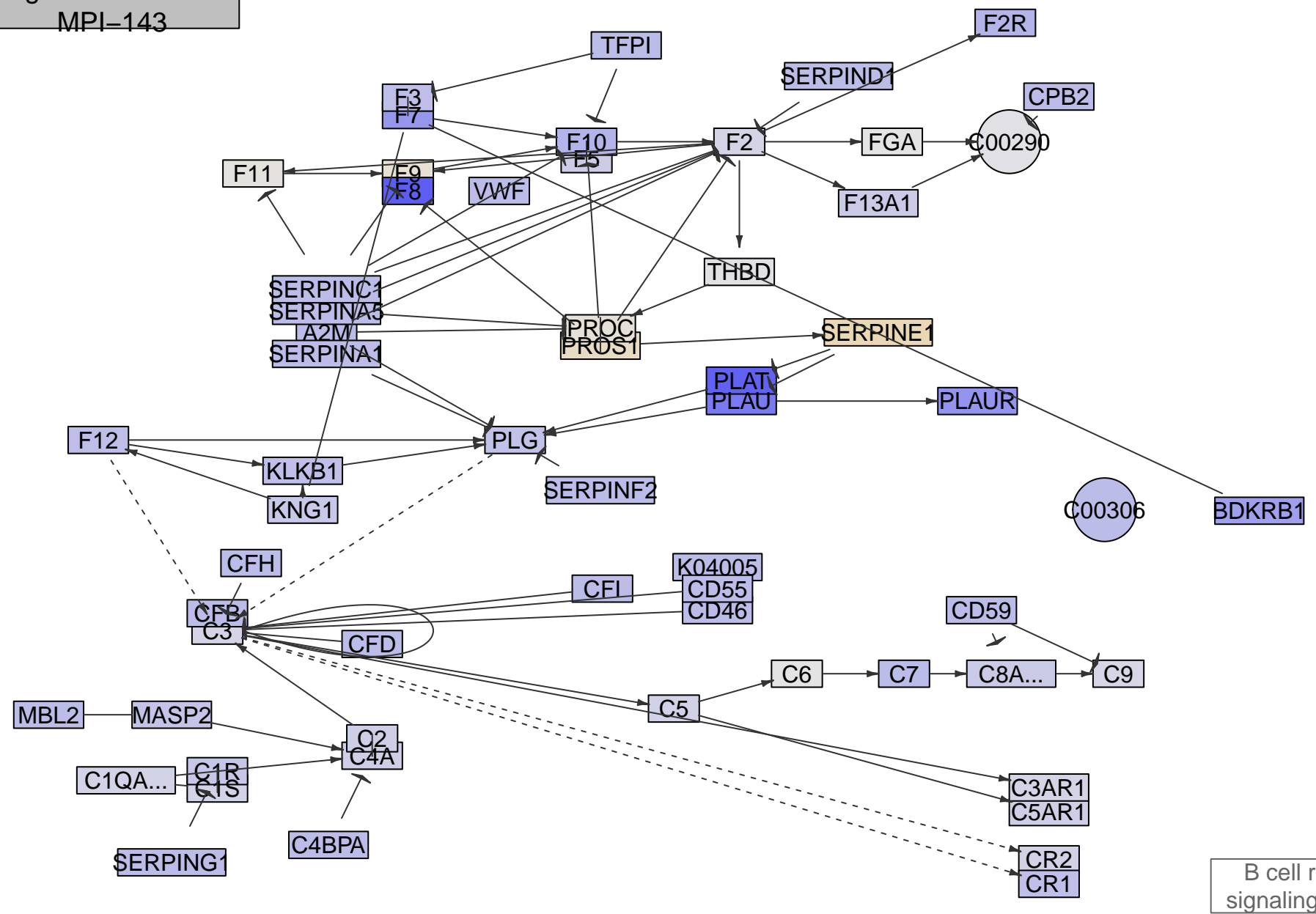
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-126



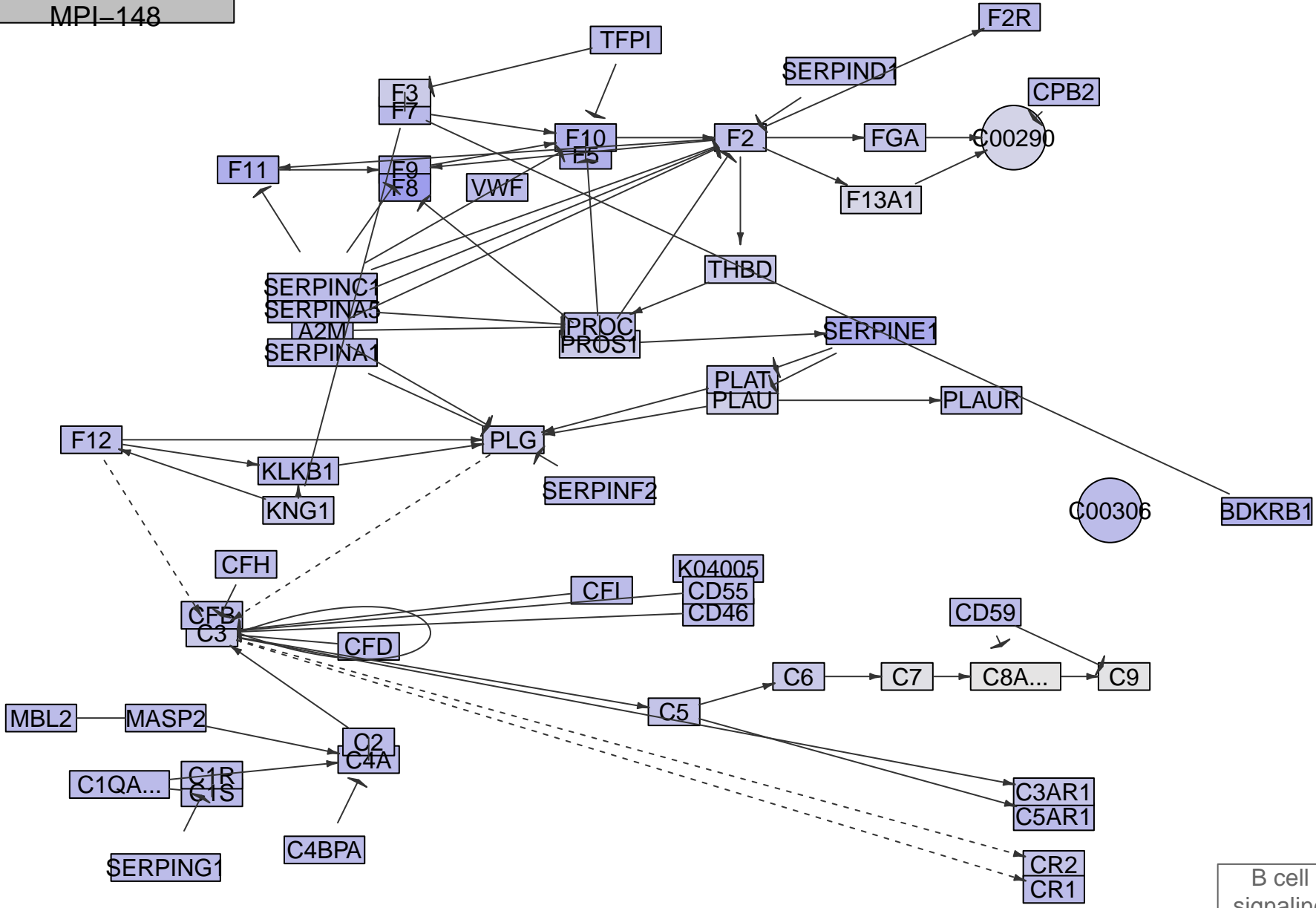
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-143



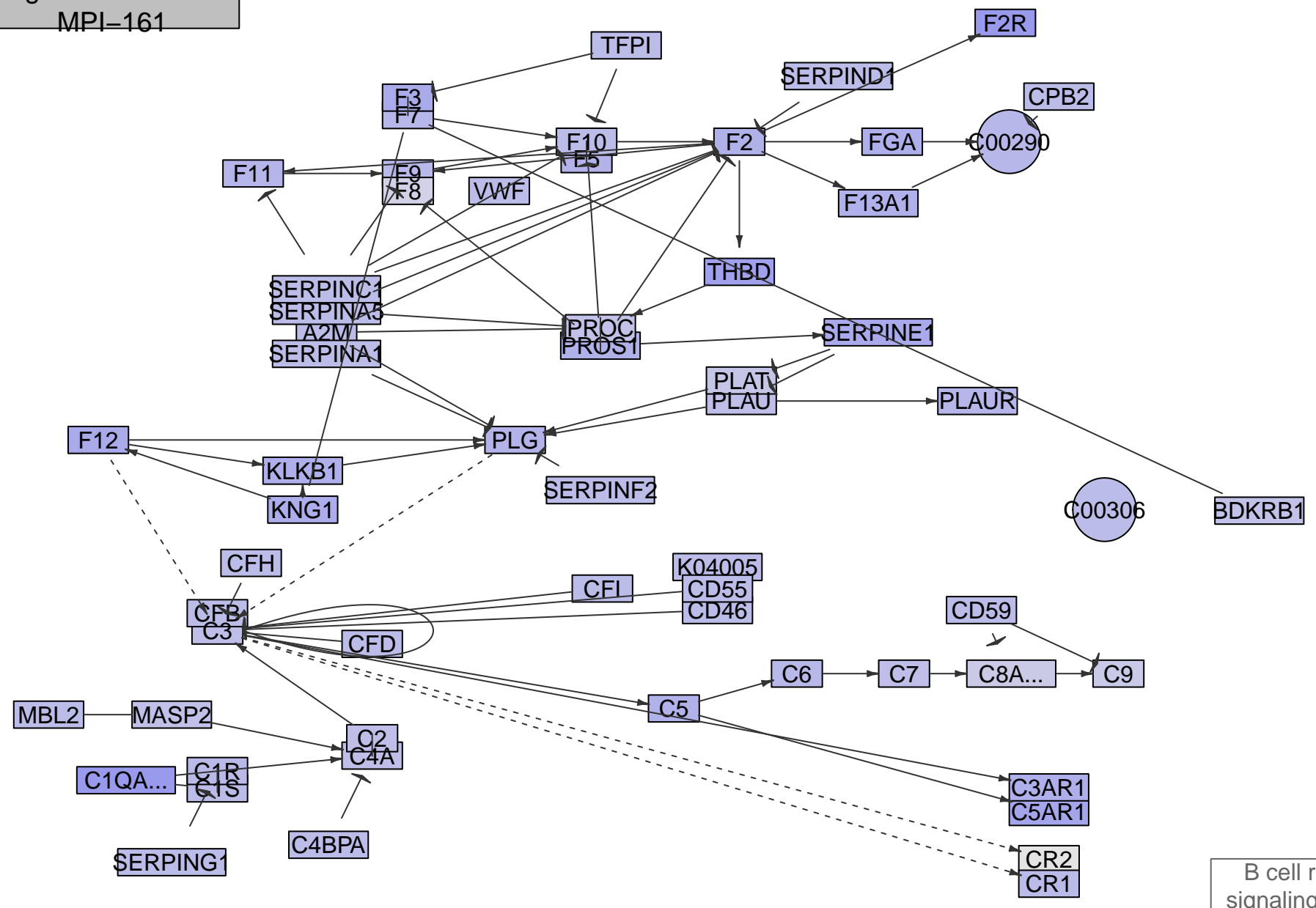
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-148

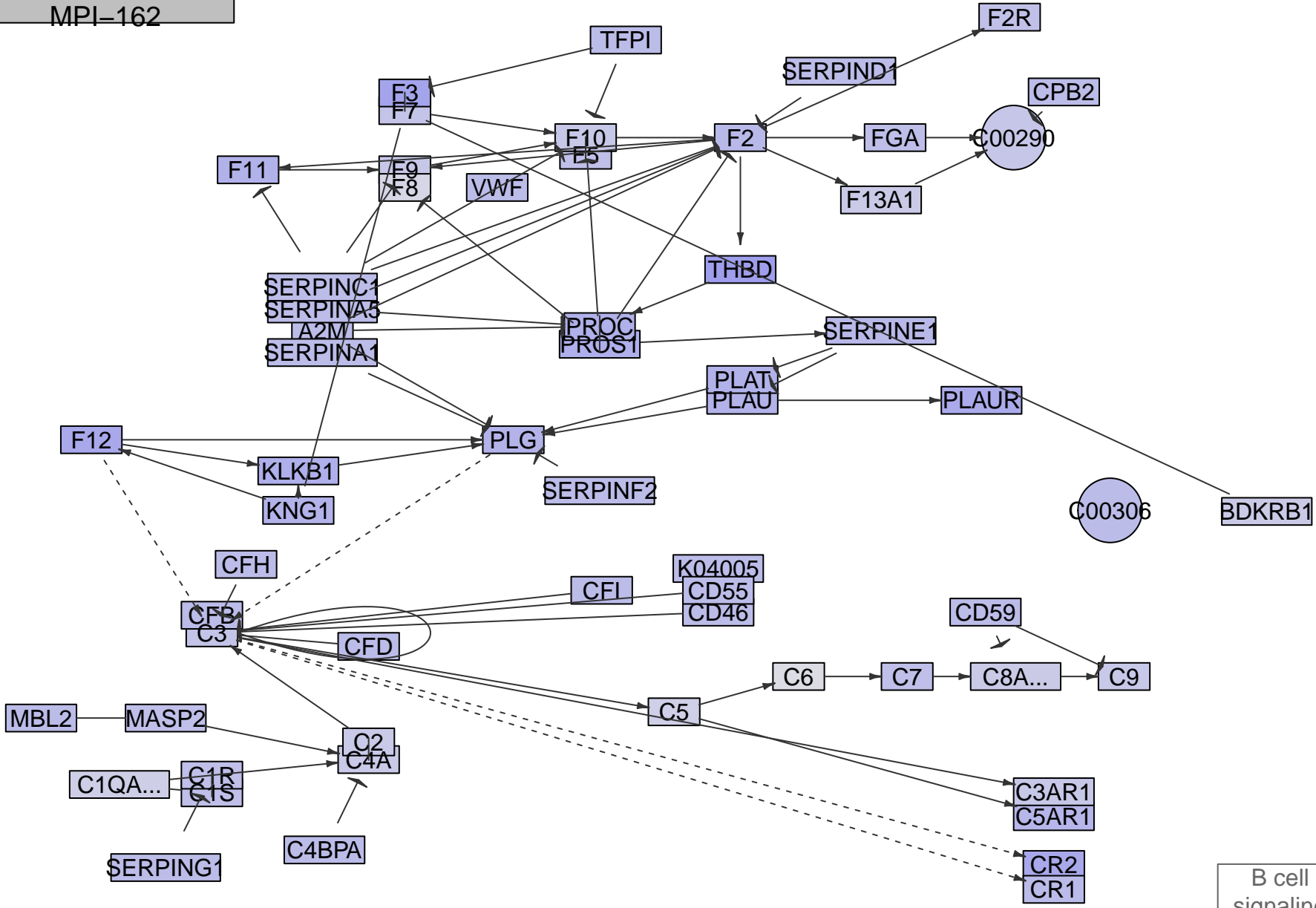


B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-161

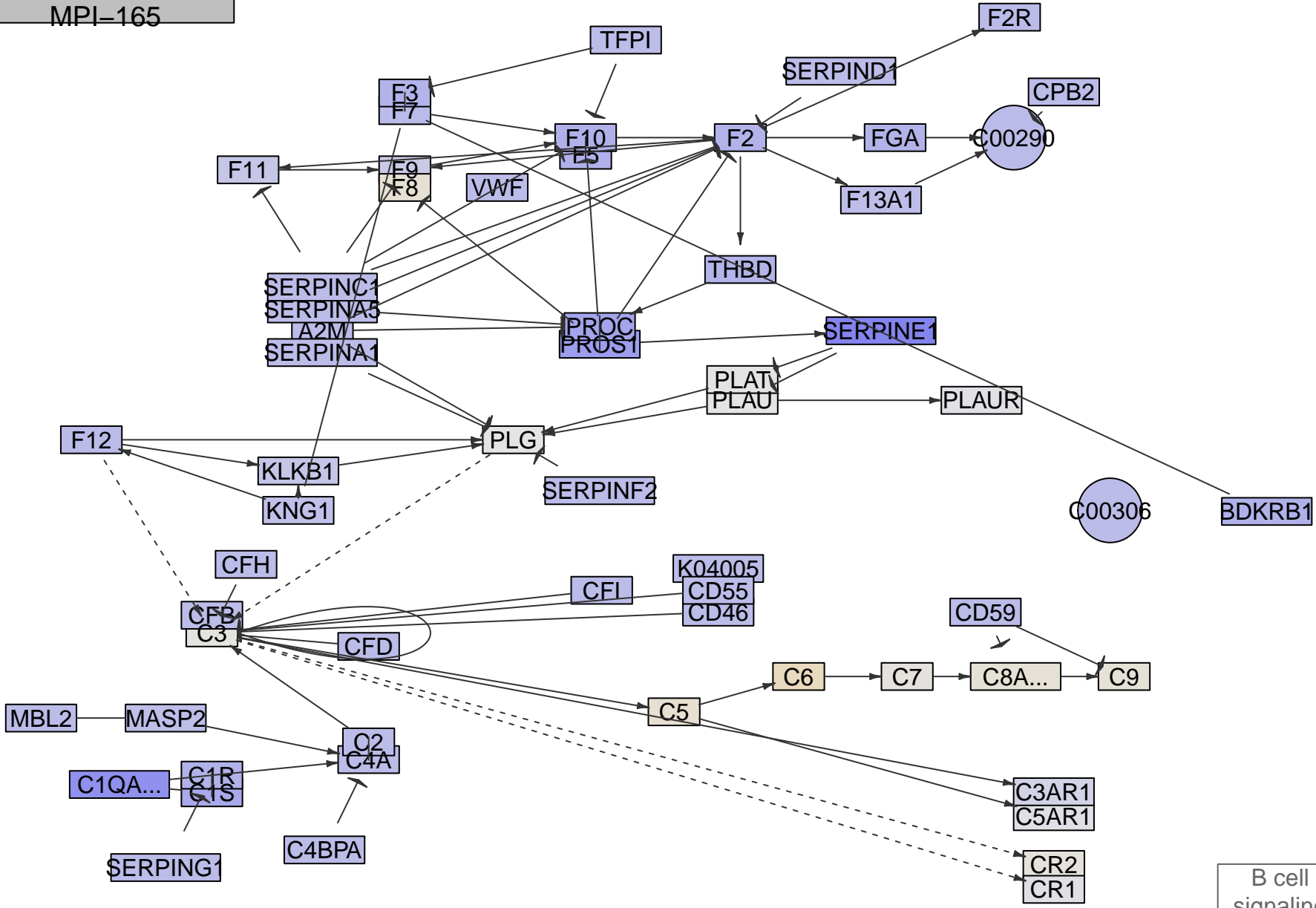


Complement and
coagulation cascades
MPI-162



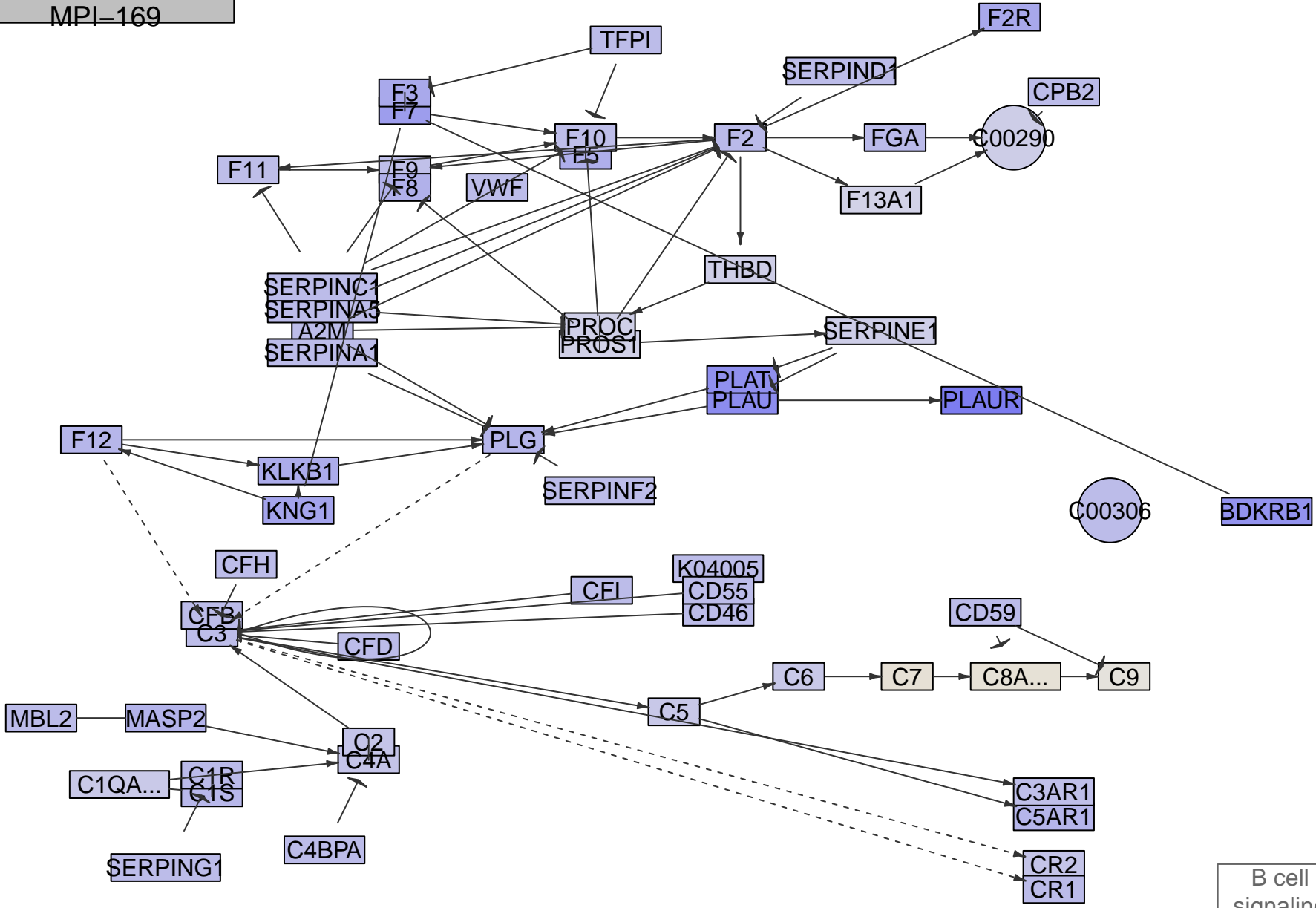
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-165



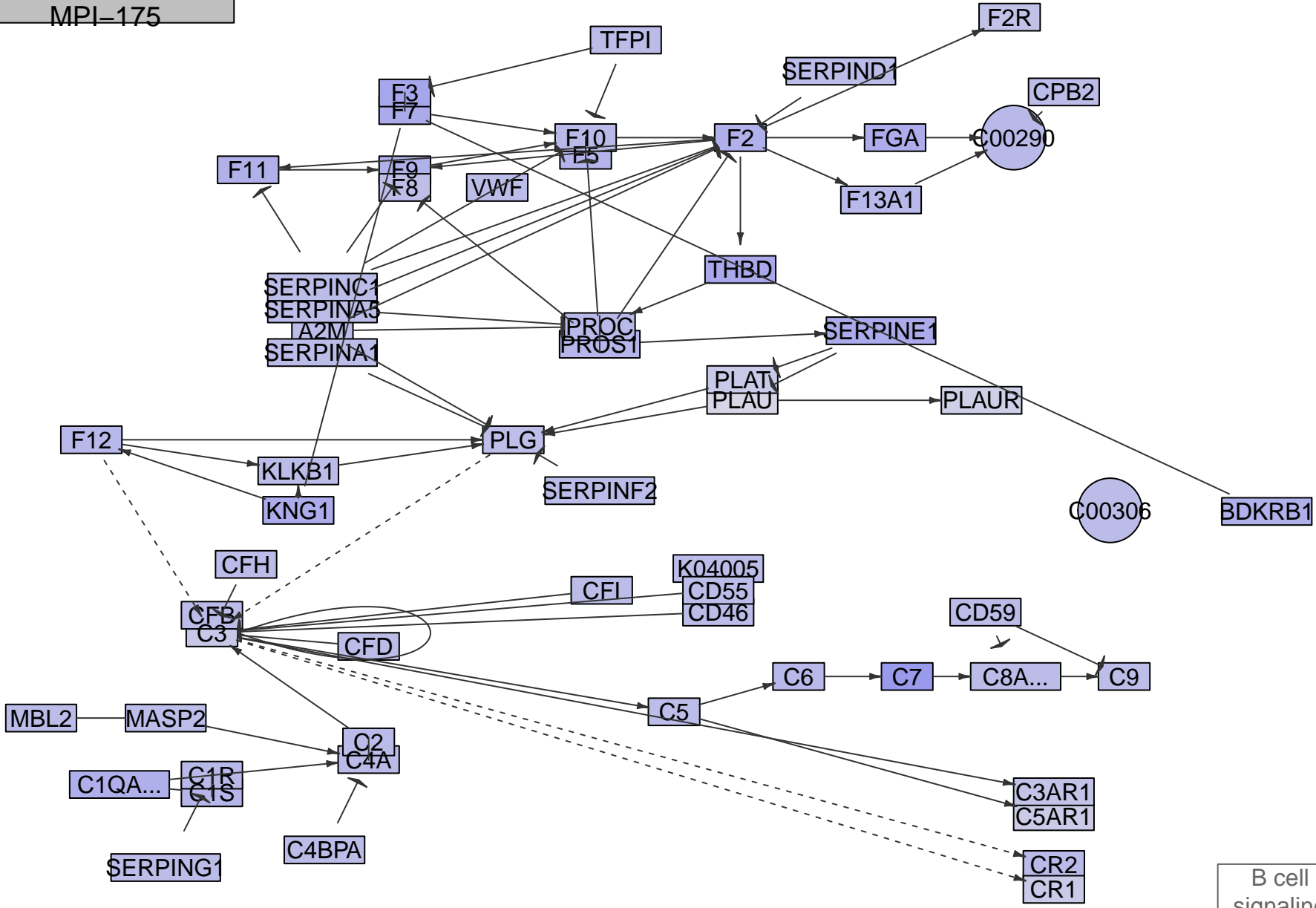
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-169



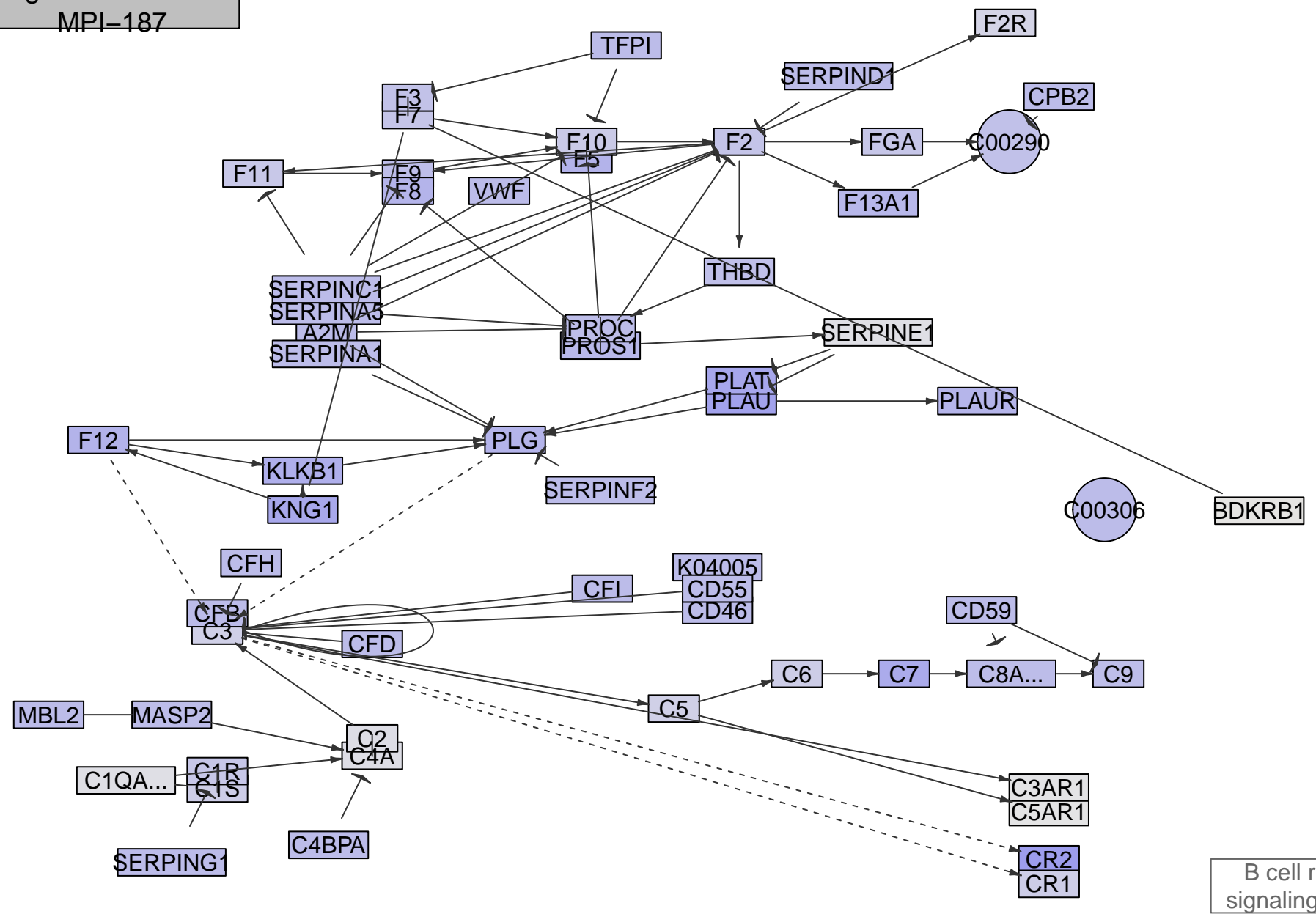
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-175

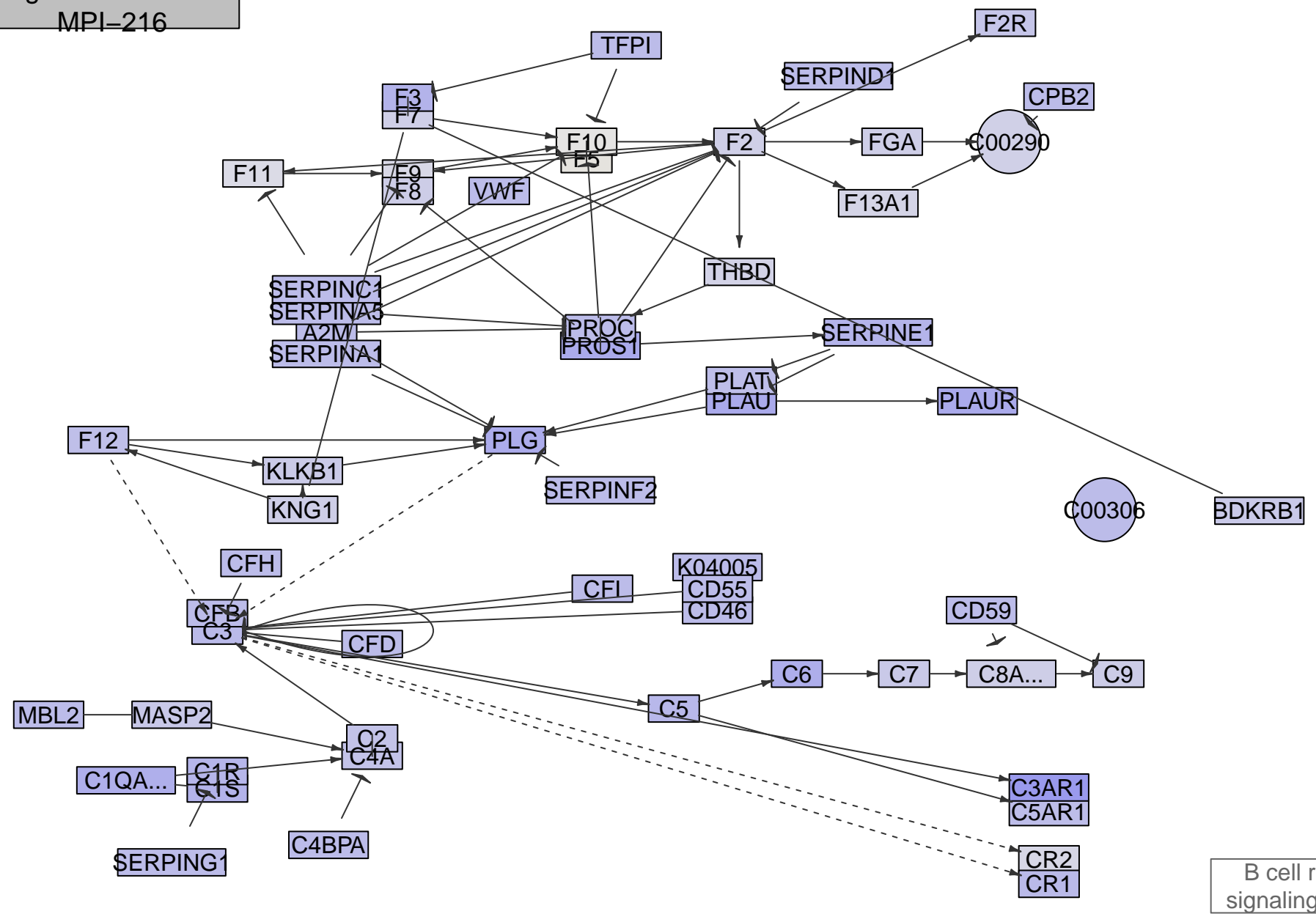


B cell receptor signaling pathway

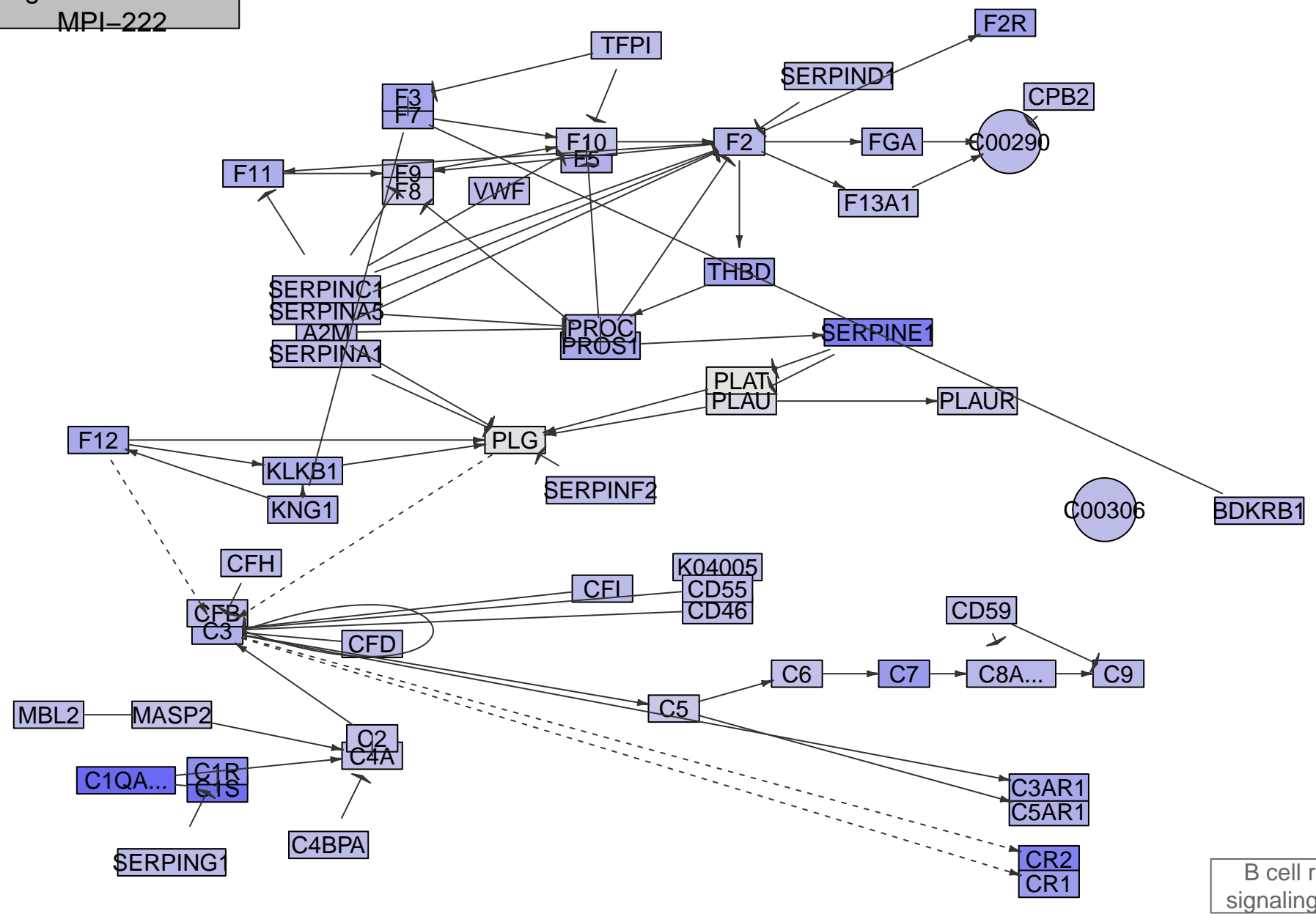
Complement and
coagulation cascades
MPI-187



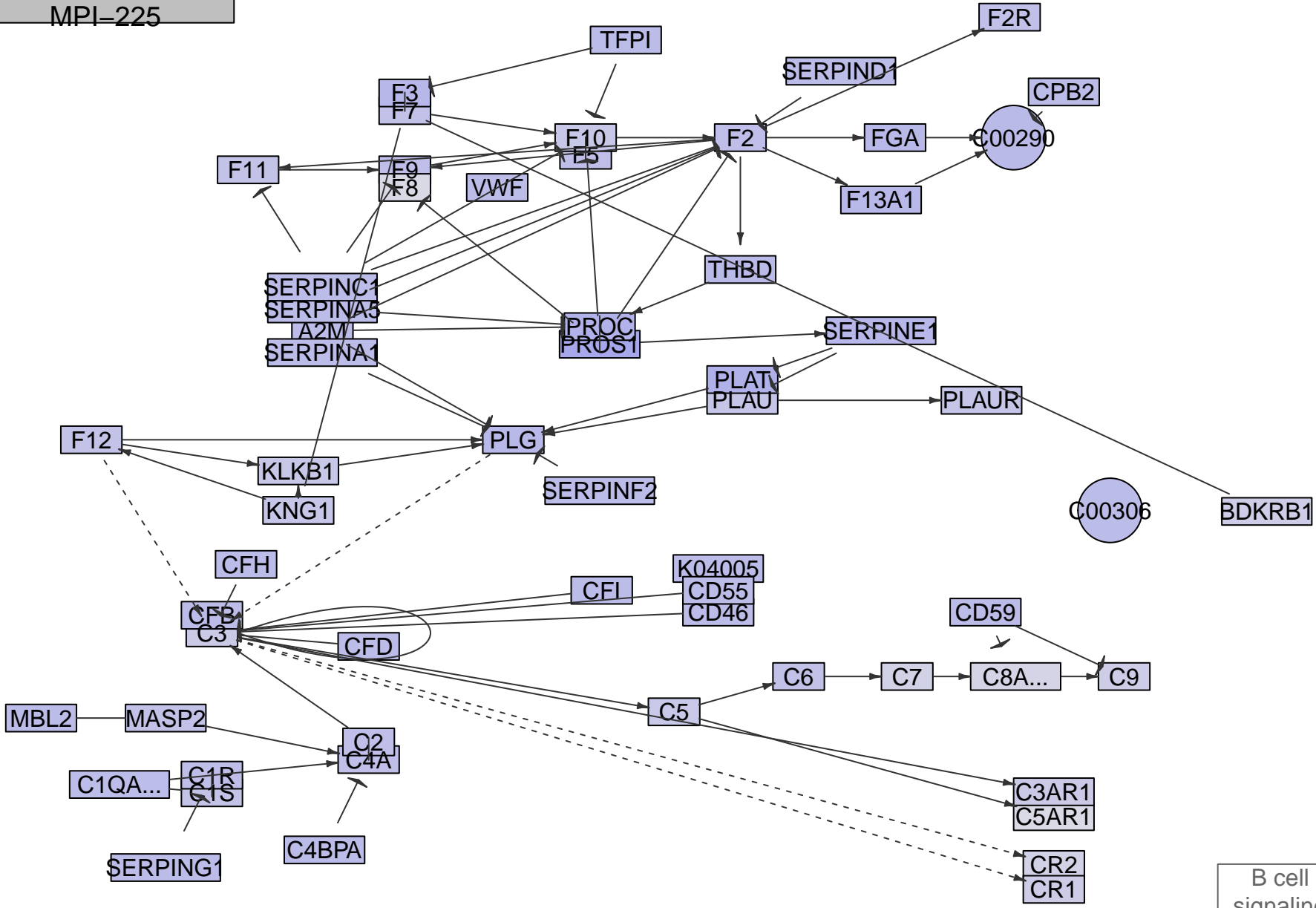
Complement and coagulation cascades
MPI-216



Complement and
coagulation cascades
MPI-222

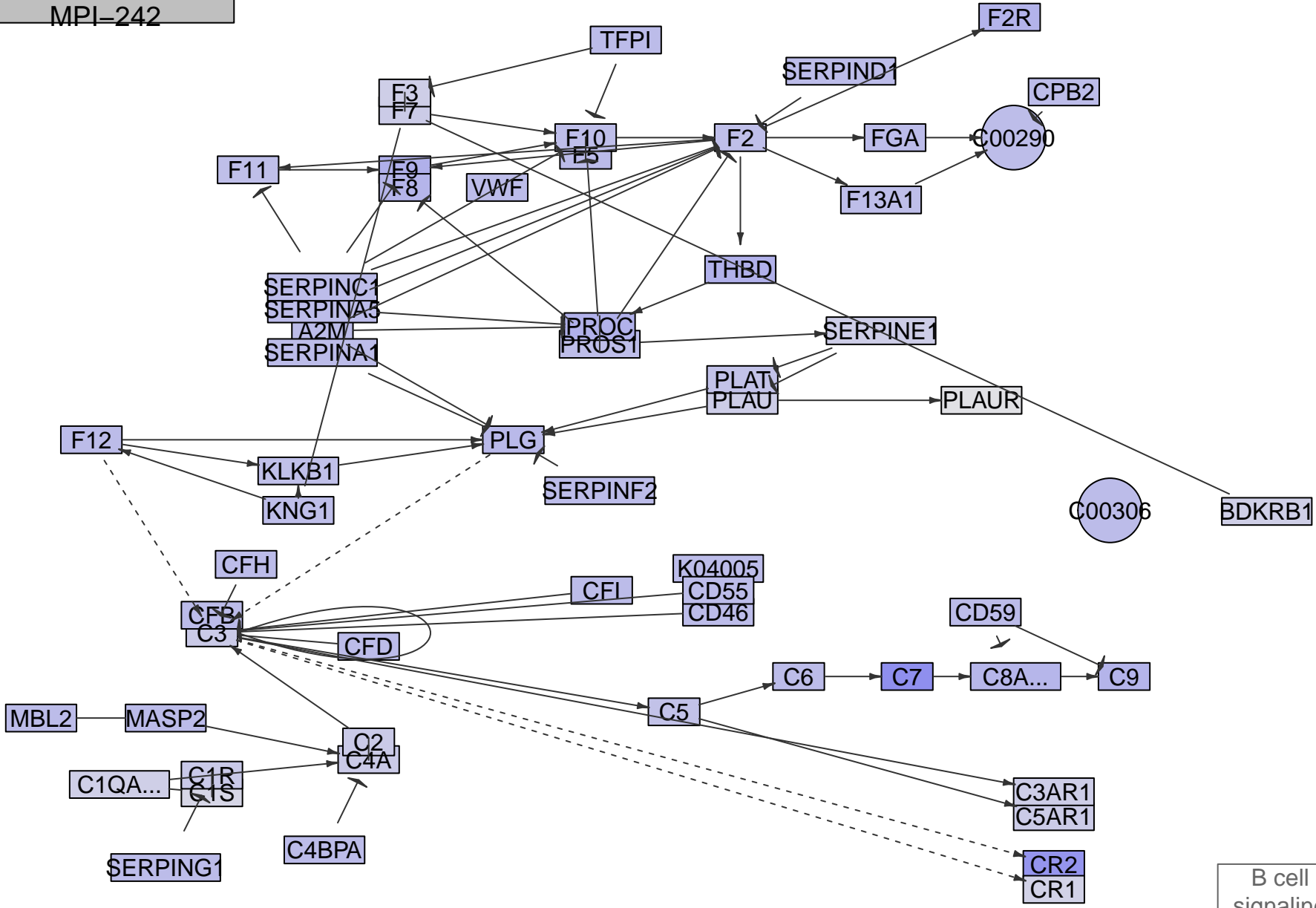


Complement and coagulation cascades
MPI-225



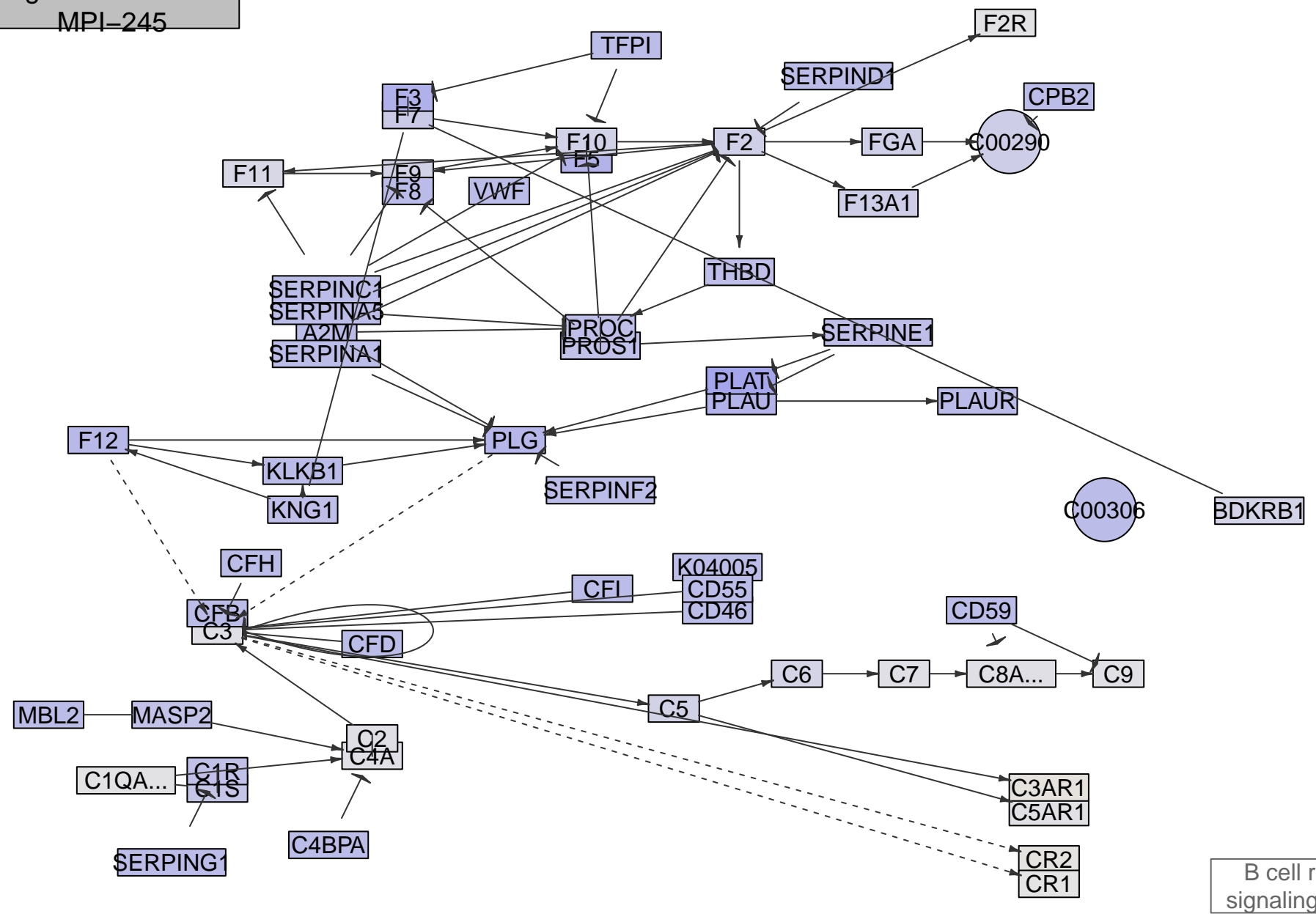
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-242

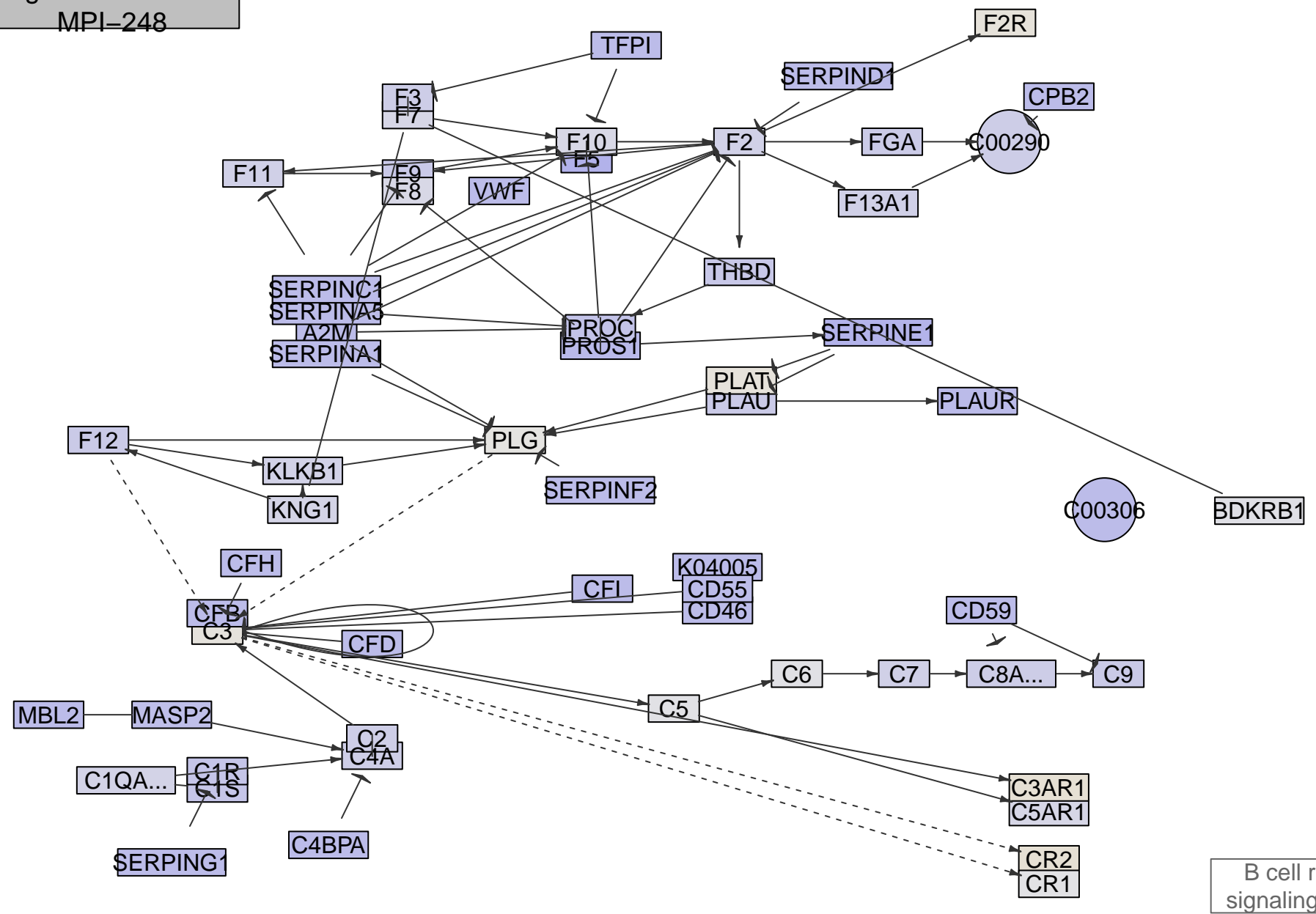


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-245

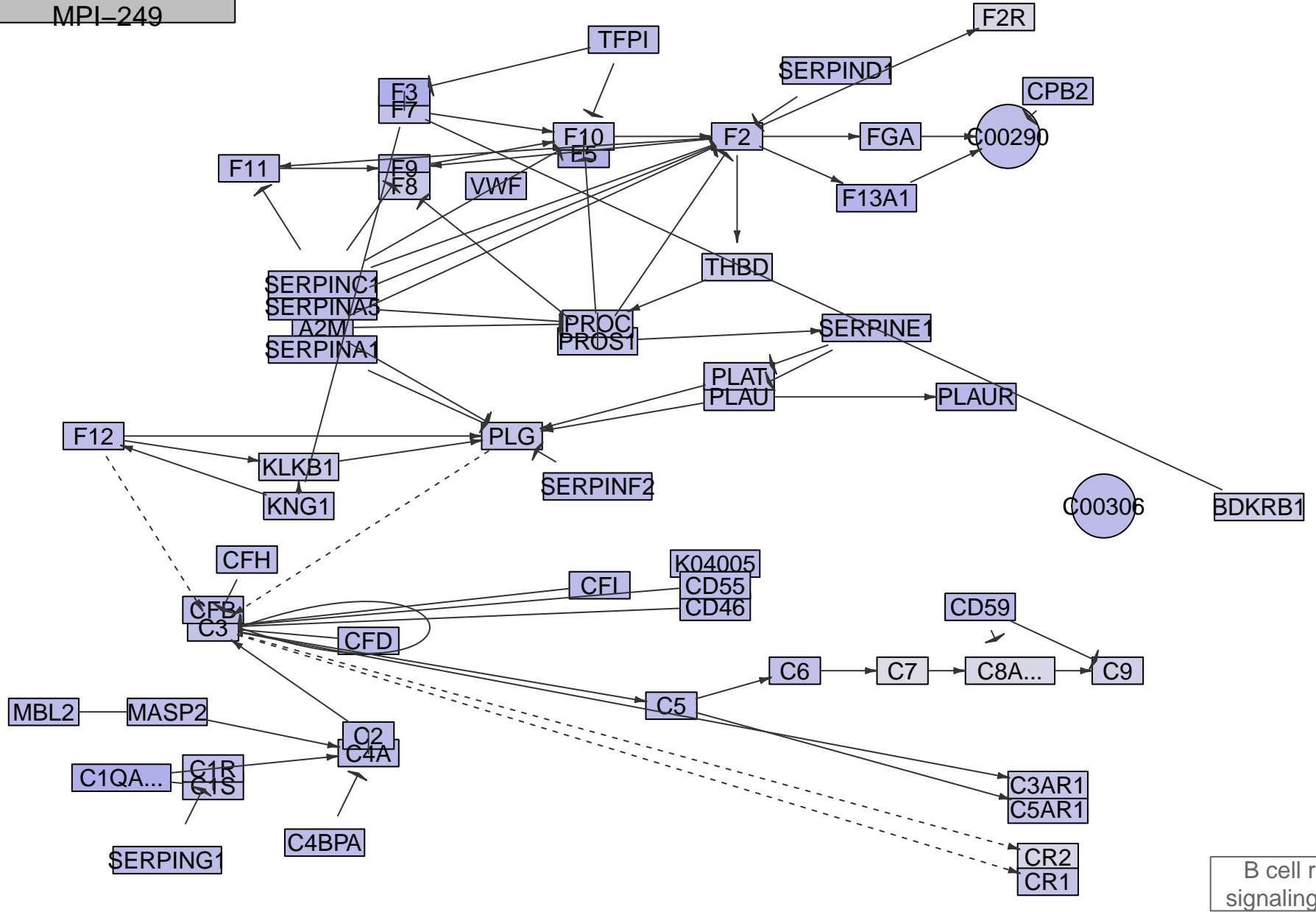


Complement and
coagulation cascades
MPI-248

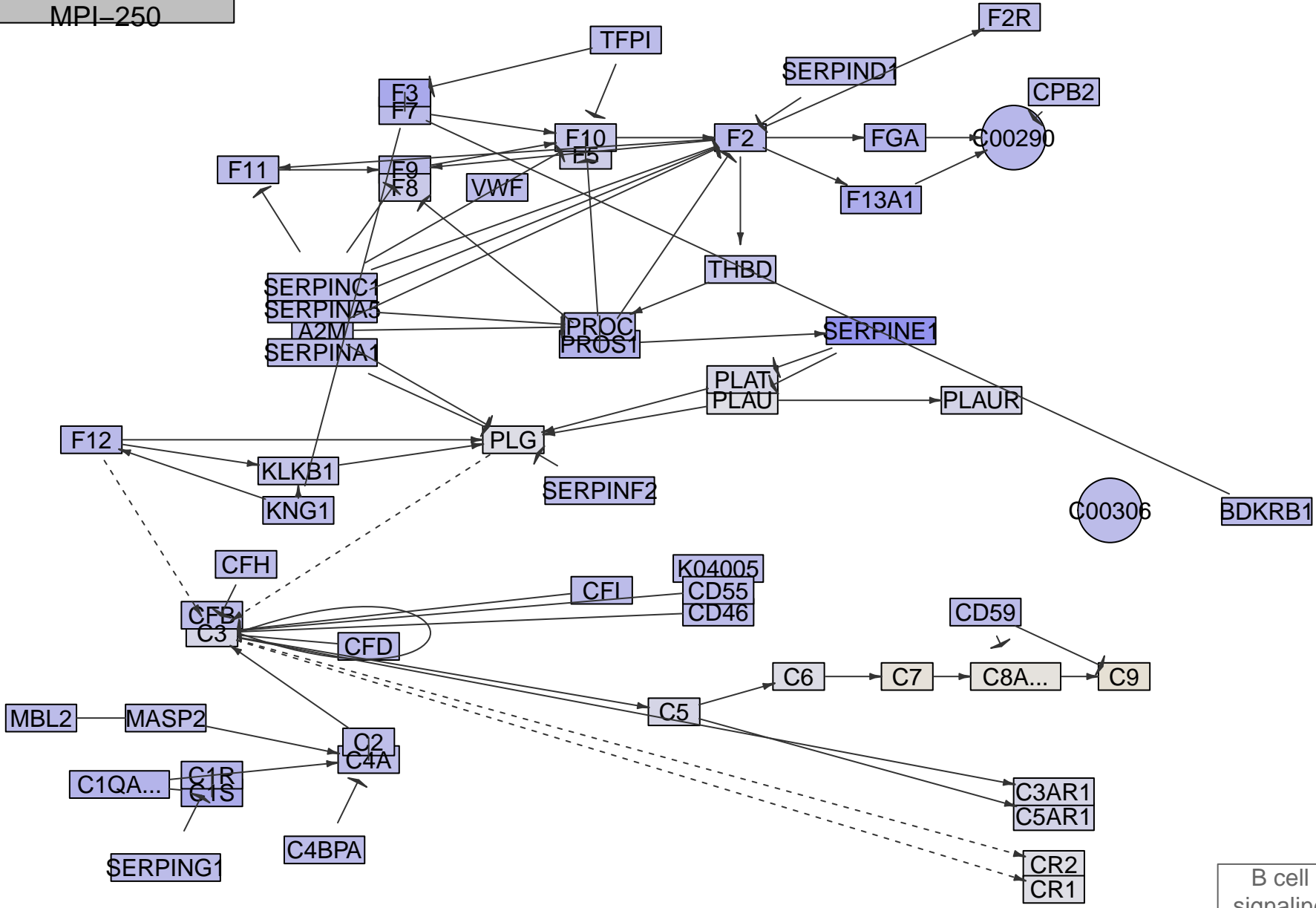


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-249

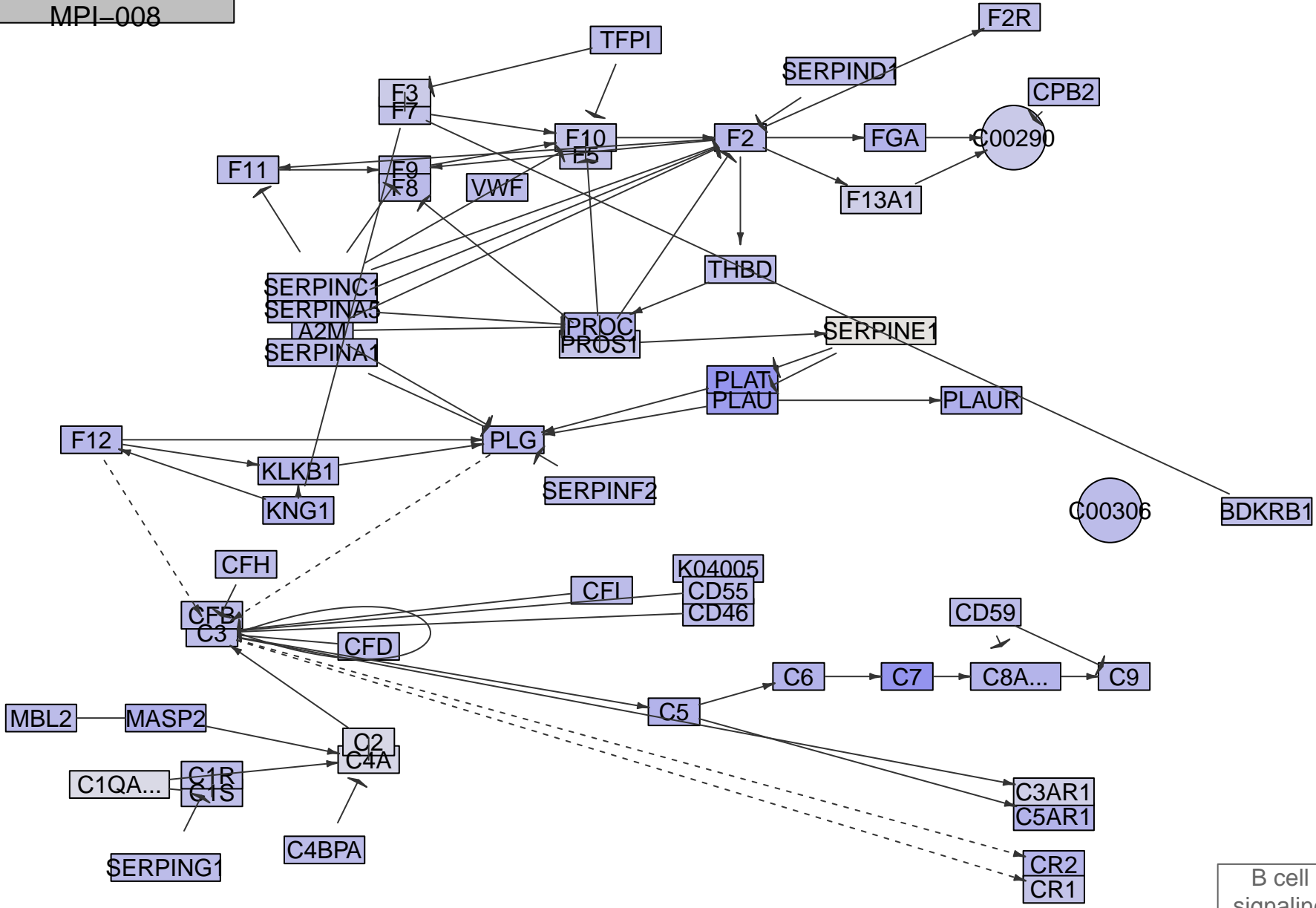


Complement and
coagulation cascades
MPI-250



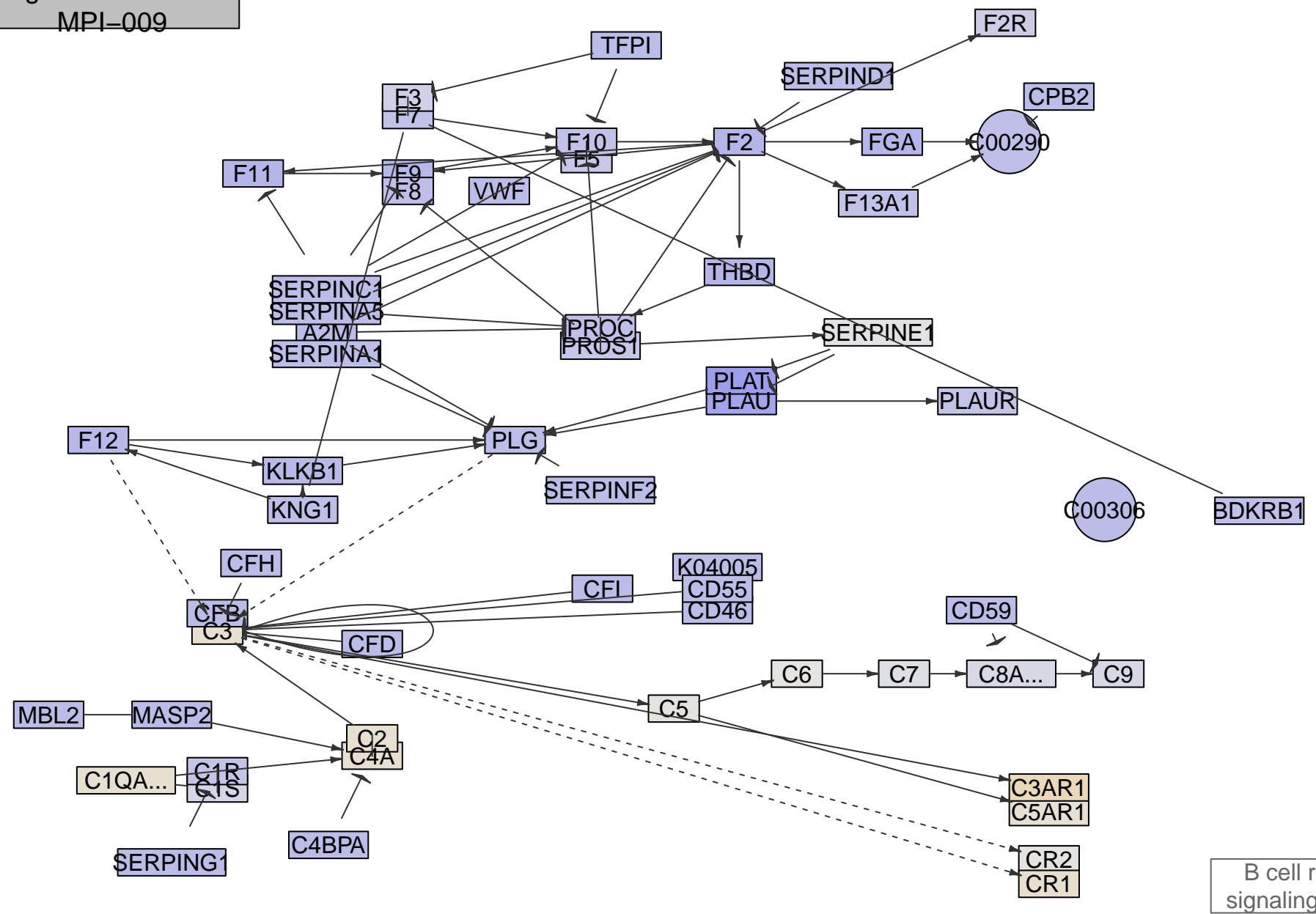
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-008

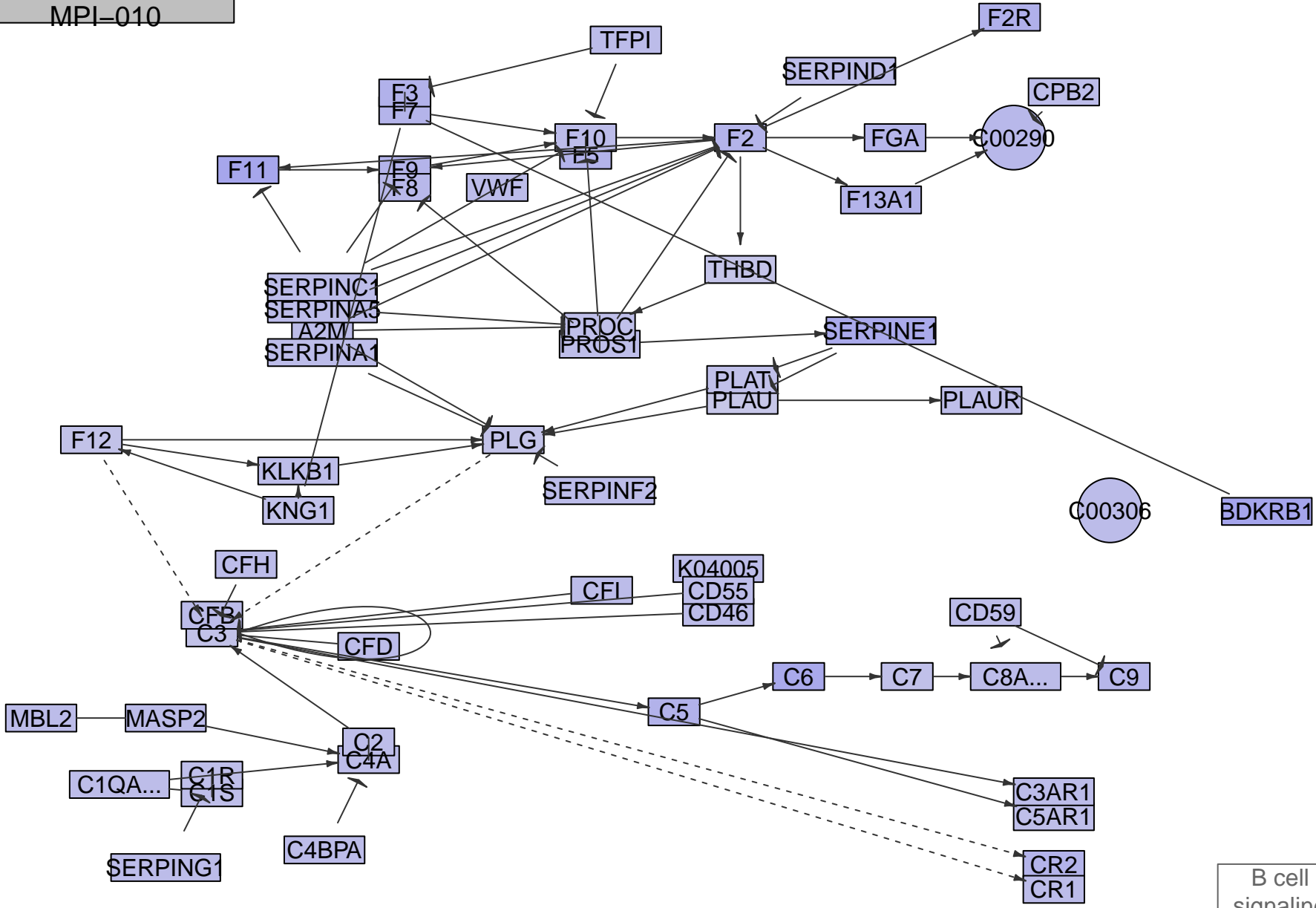


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-009

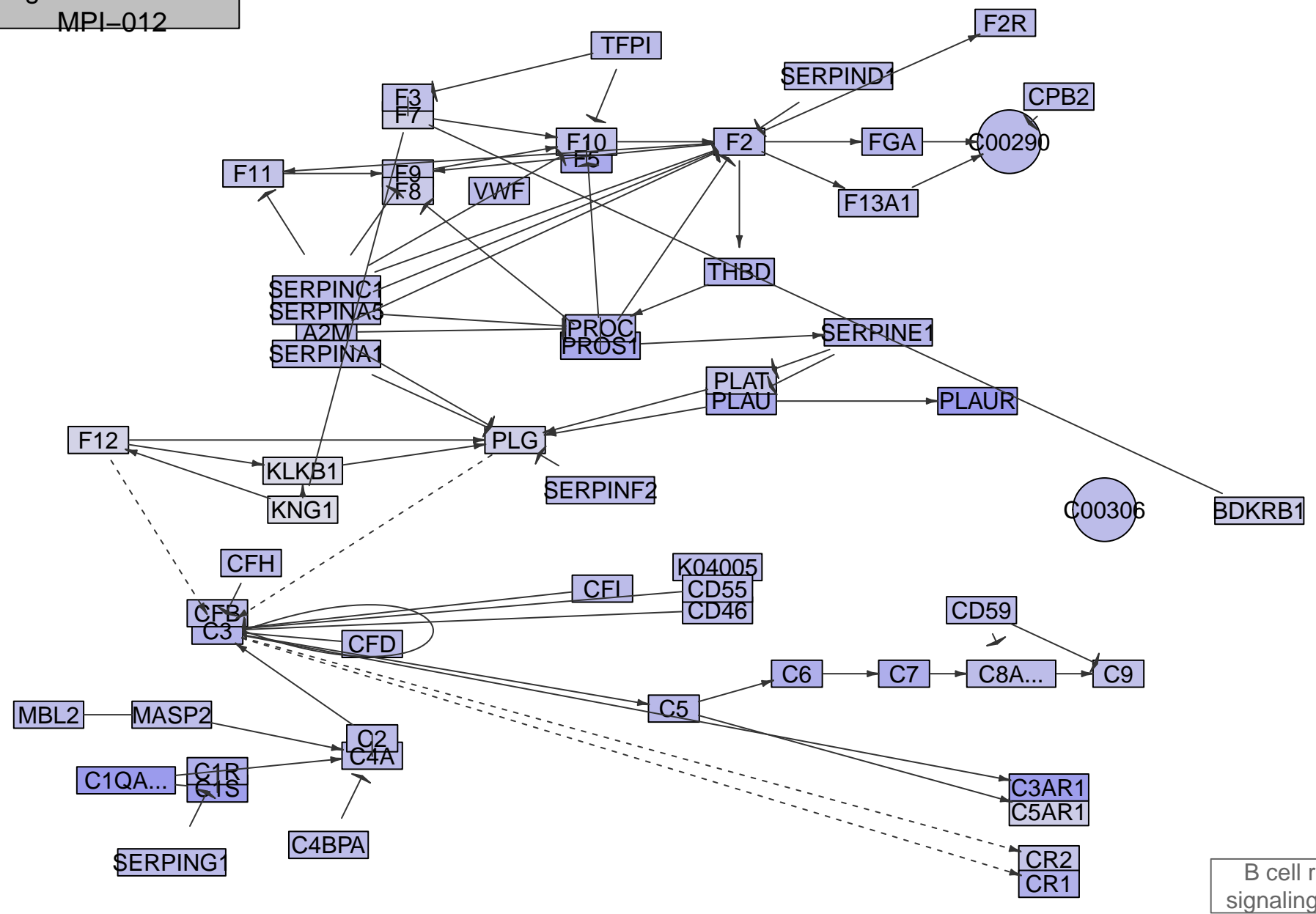


Complement and
coagulation cascades
MPI-010



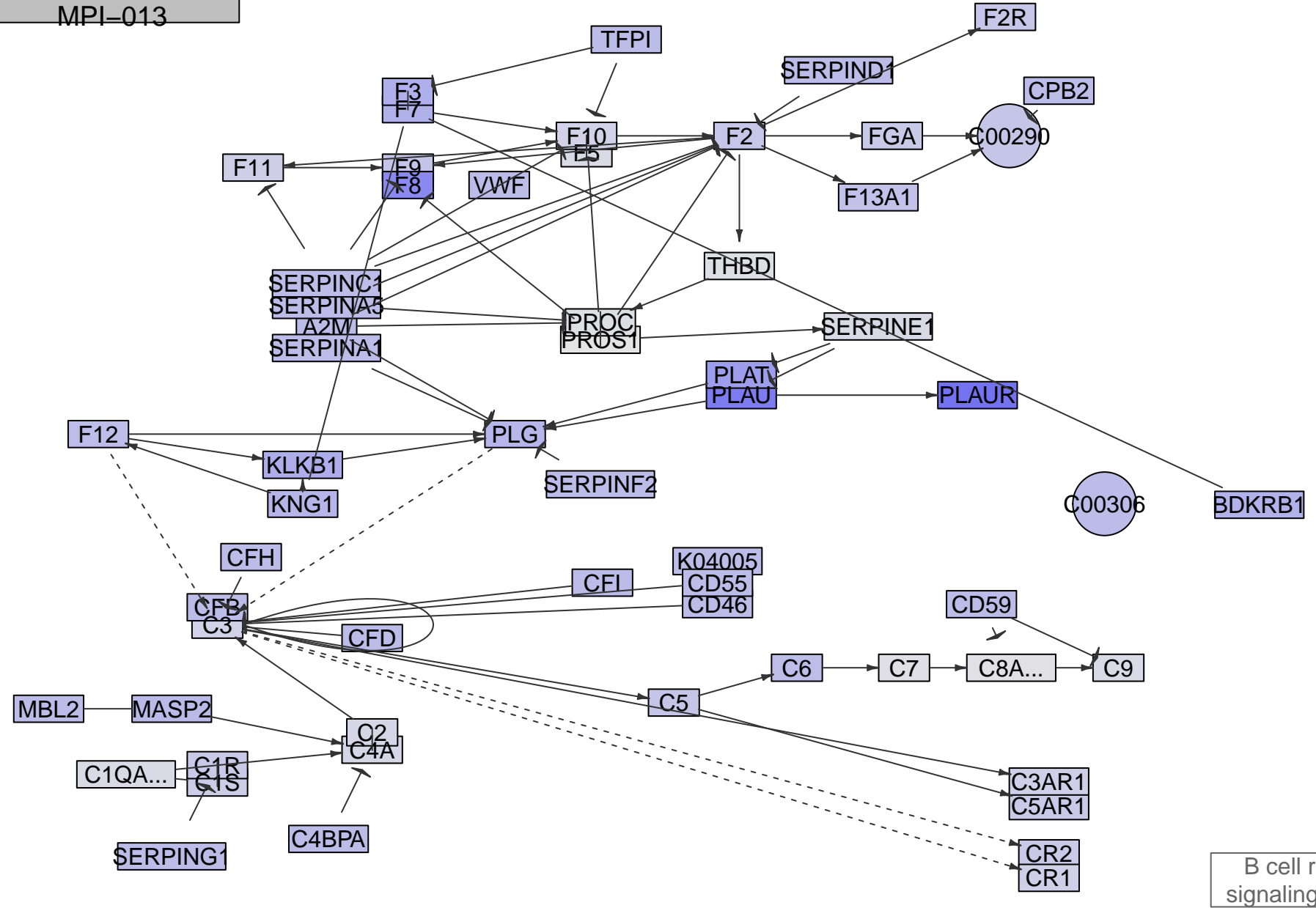
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-012

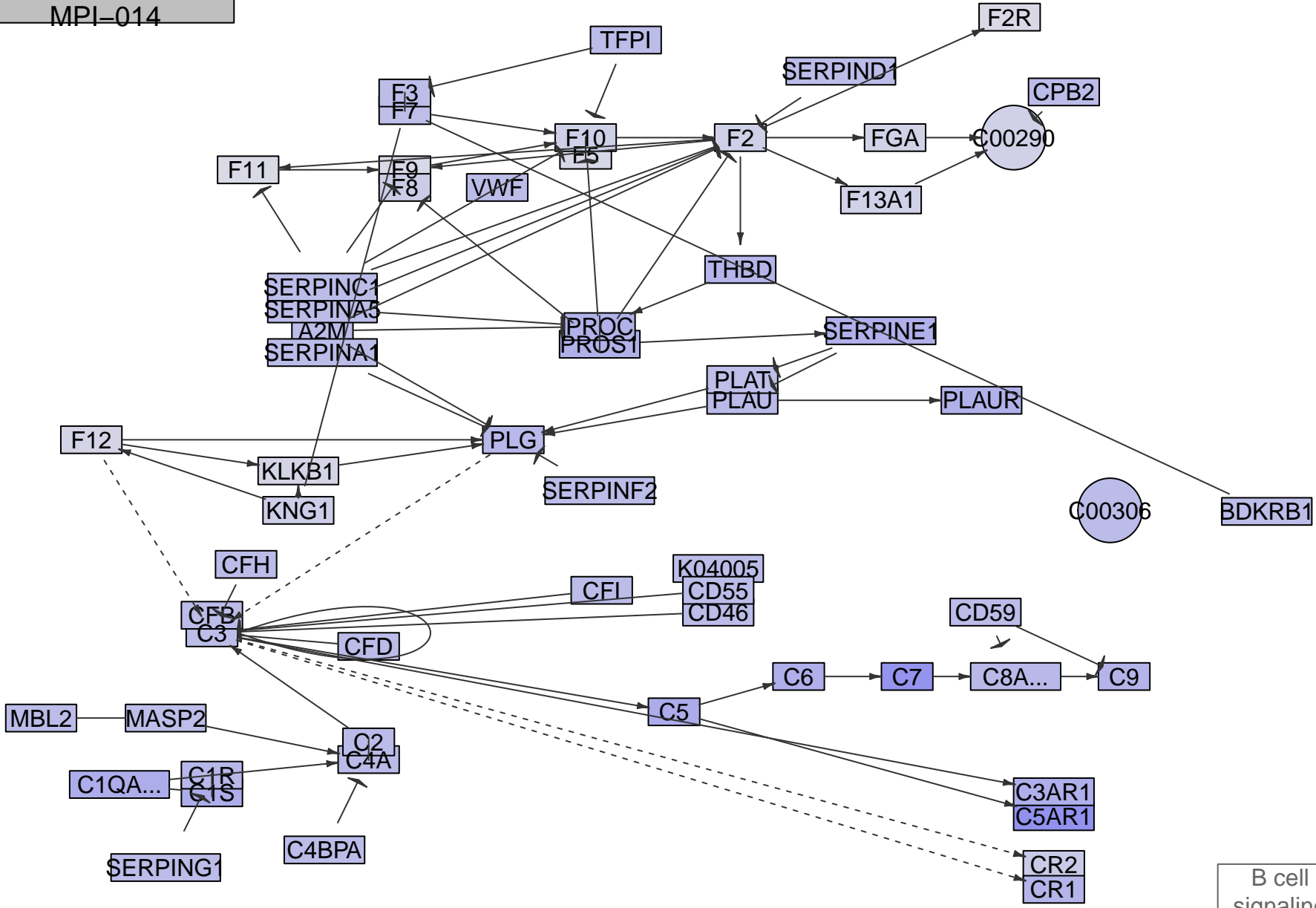


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-013

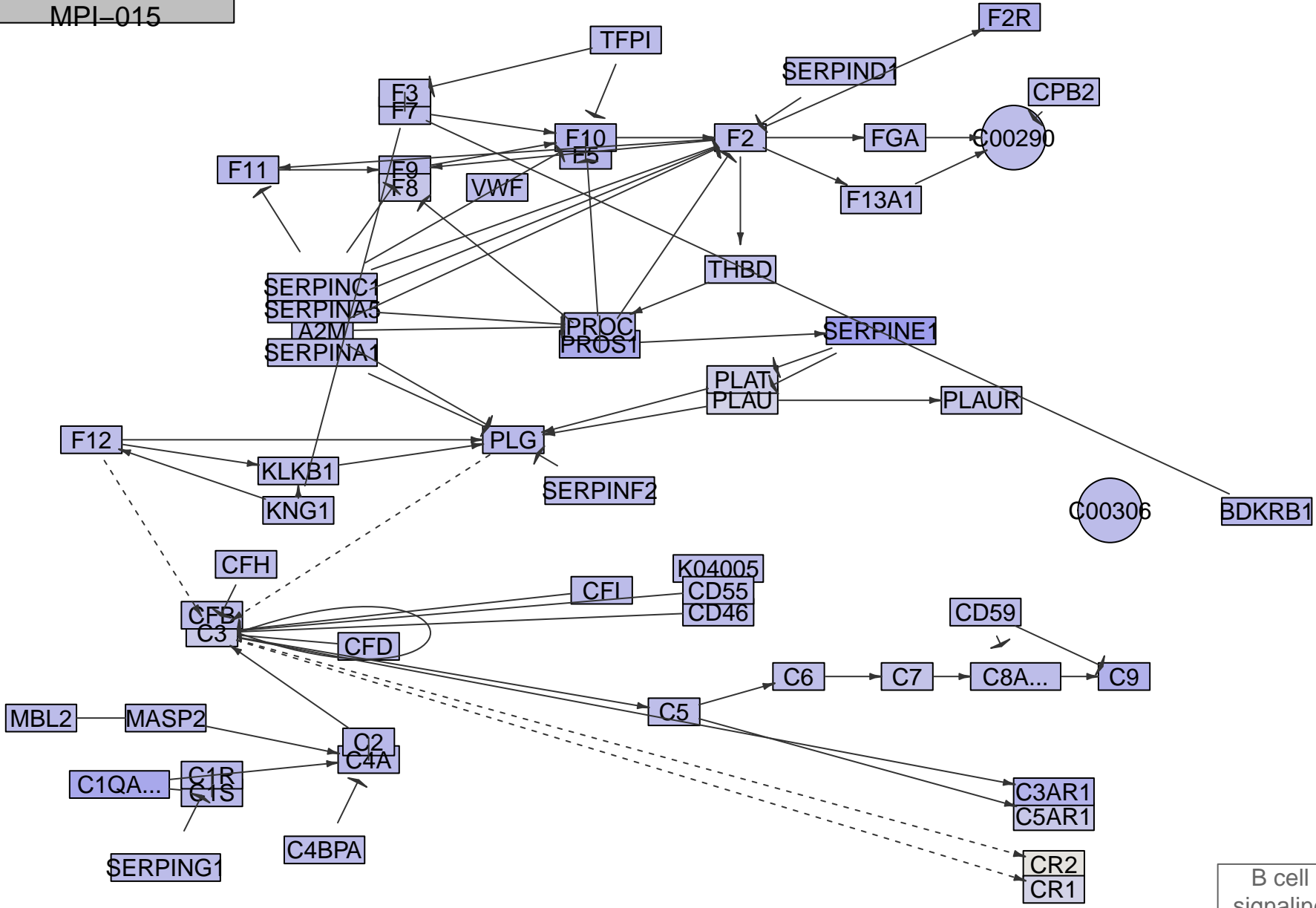


Complement and
coagulation cascades
MPI-014



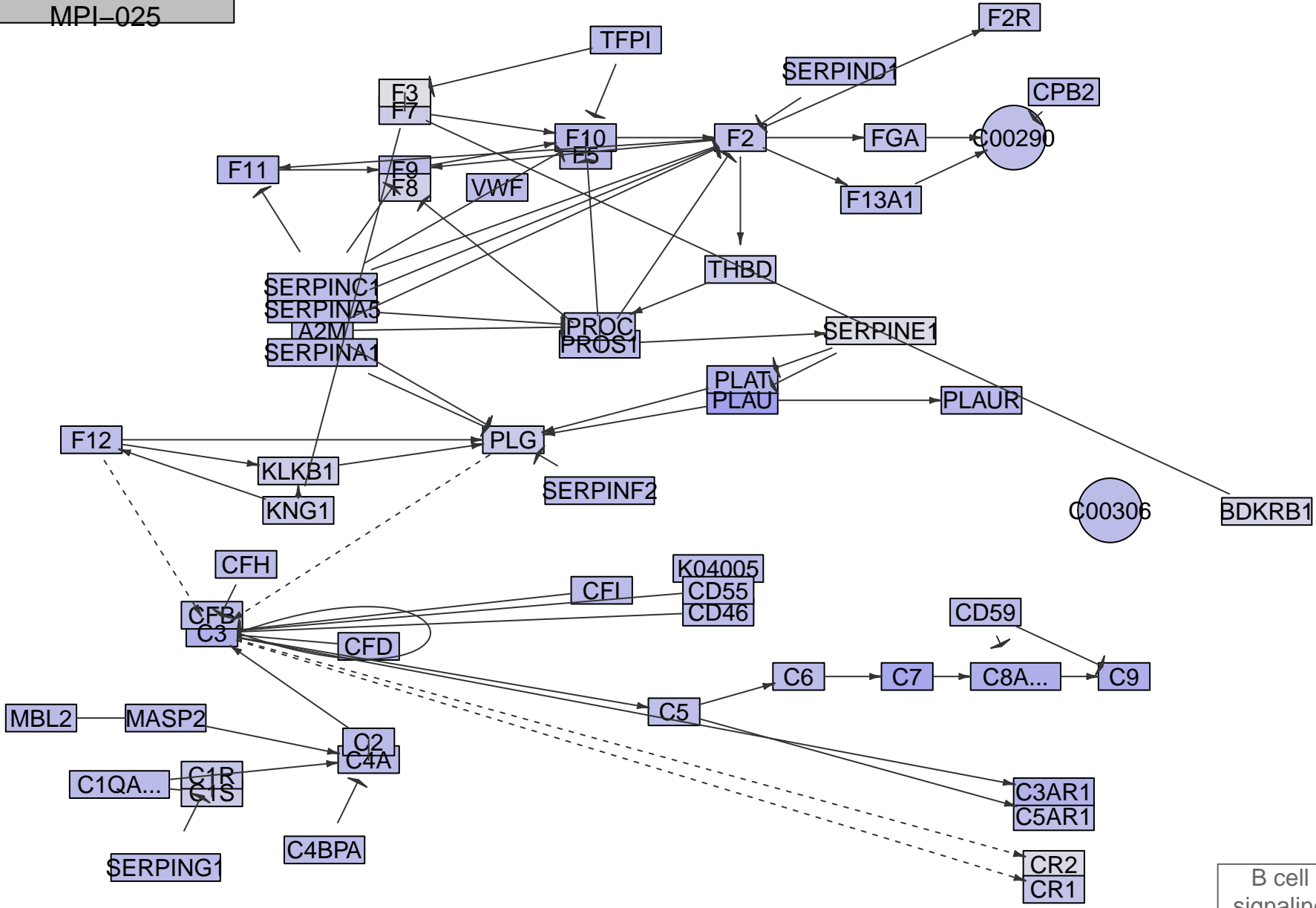
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-015



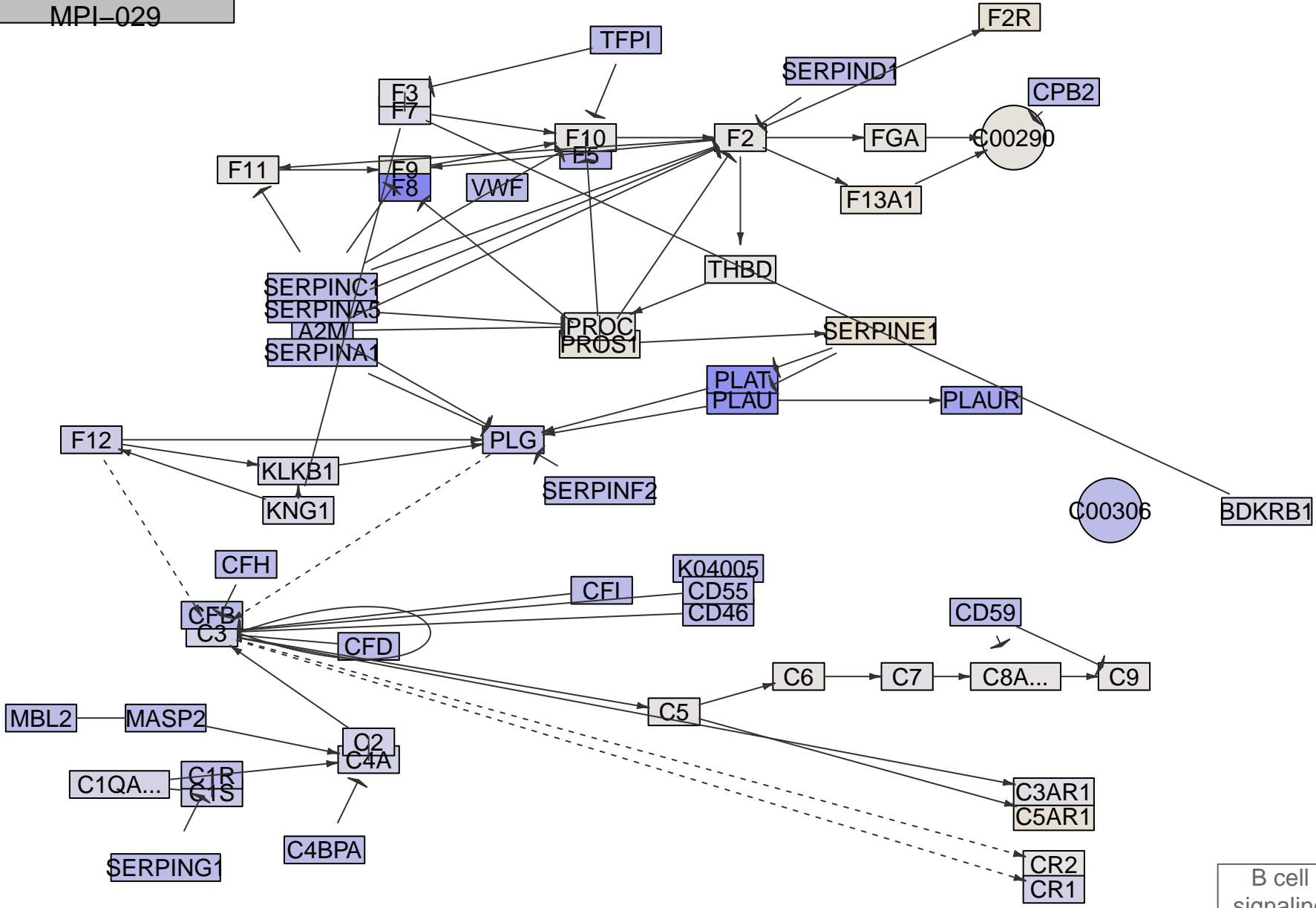
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-025



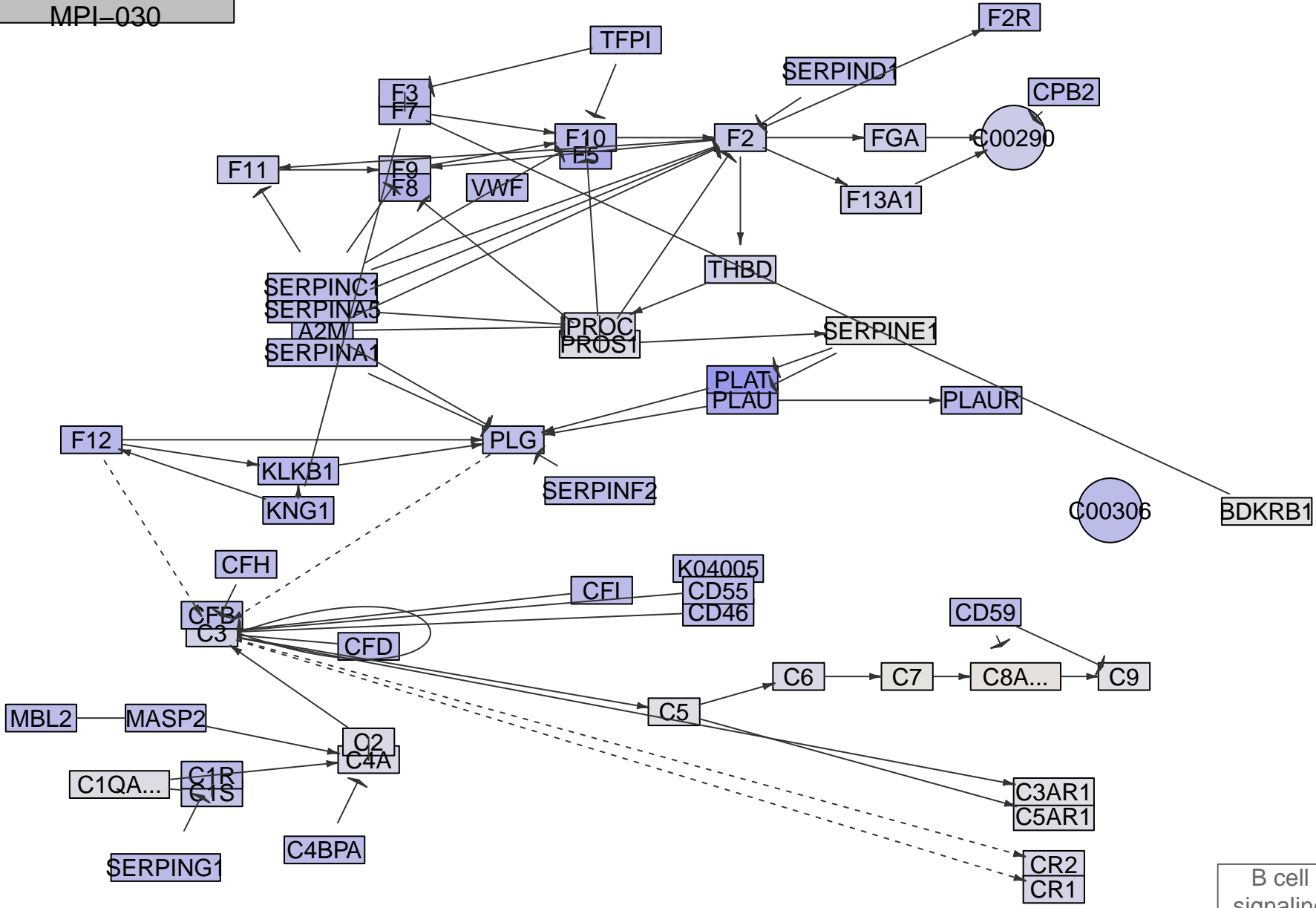
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-029



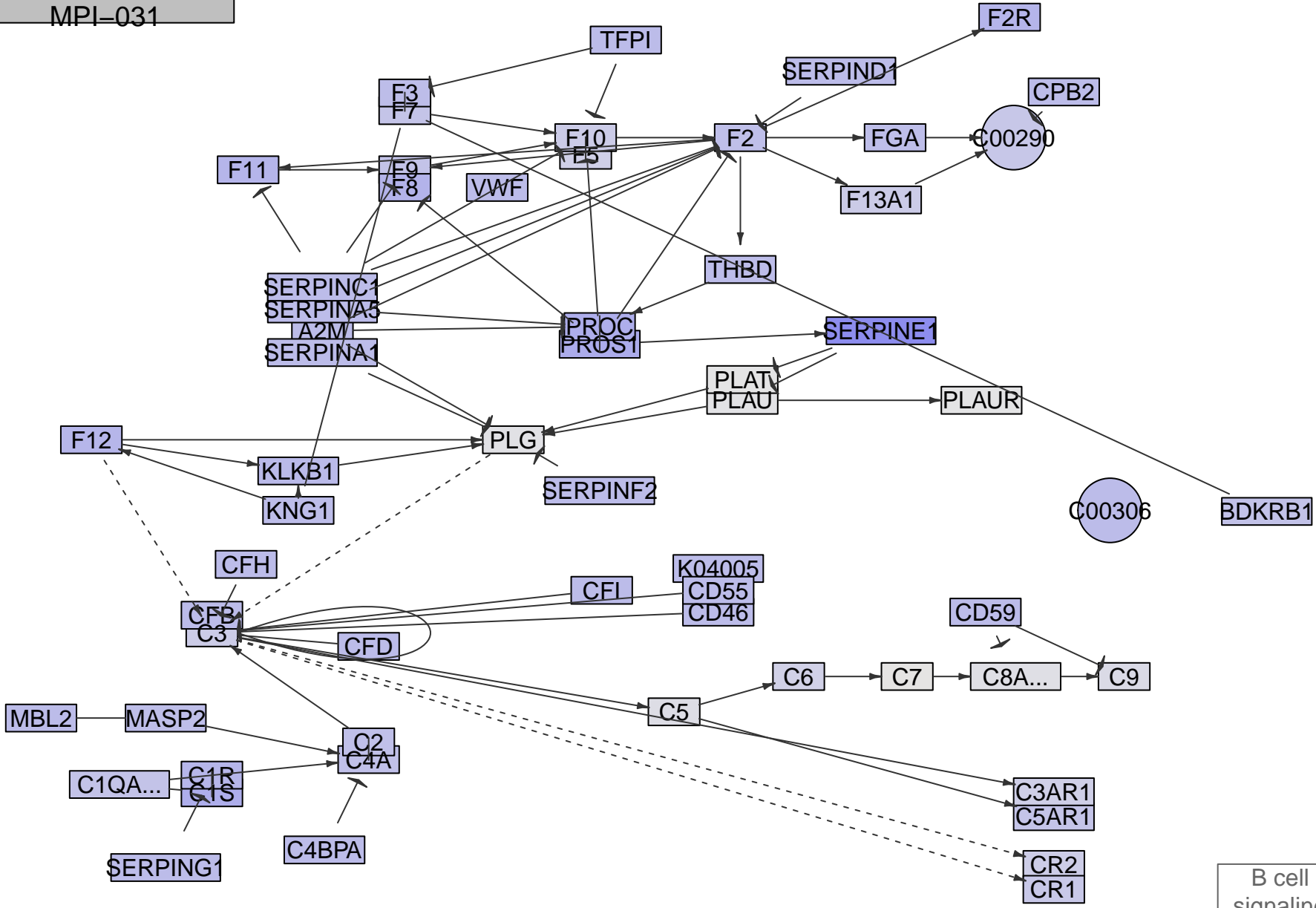
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-030



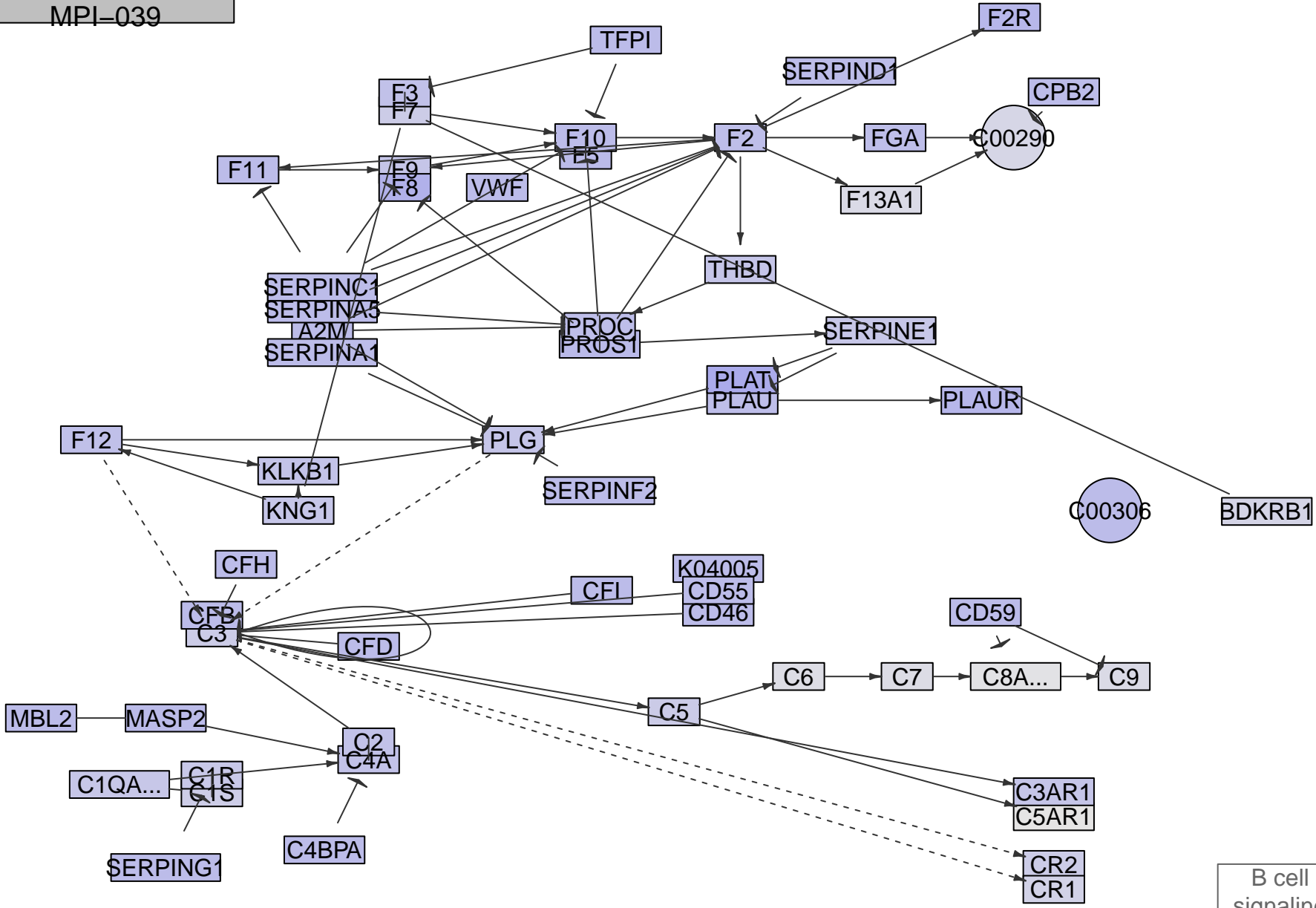
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-031



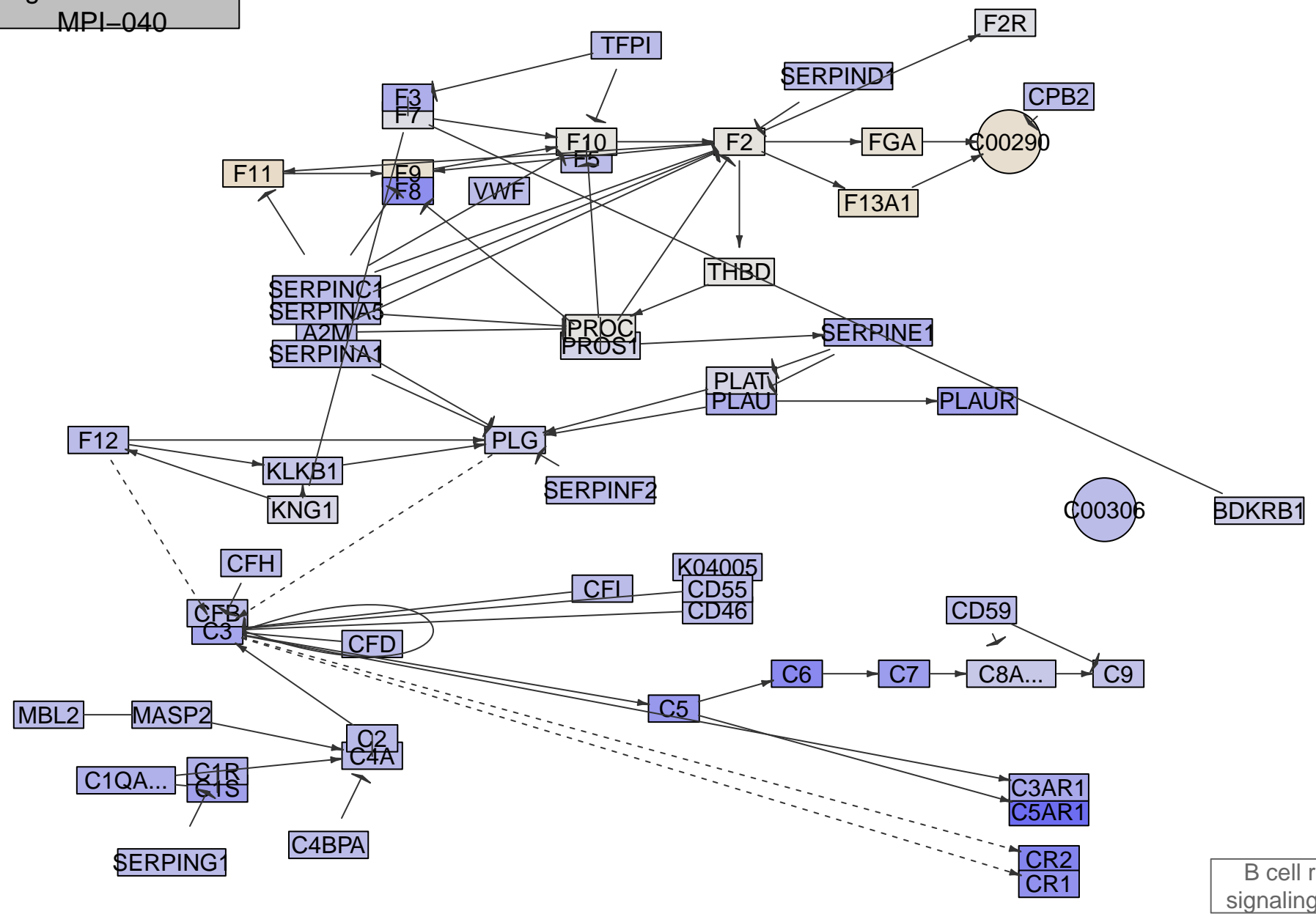
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-039

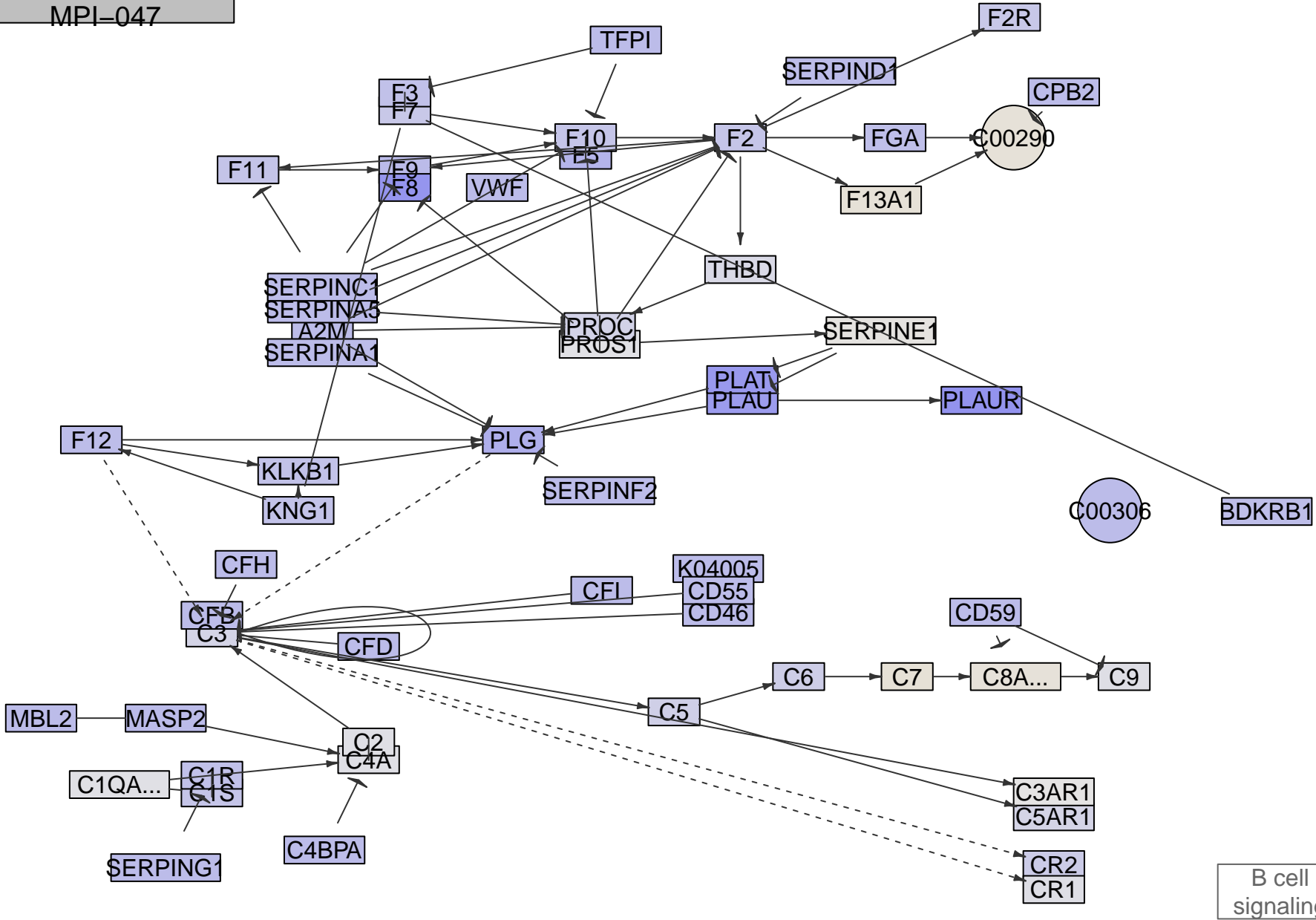


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-040

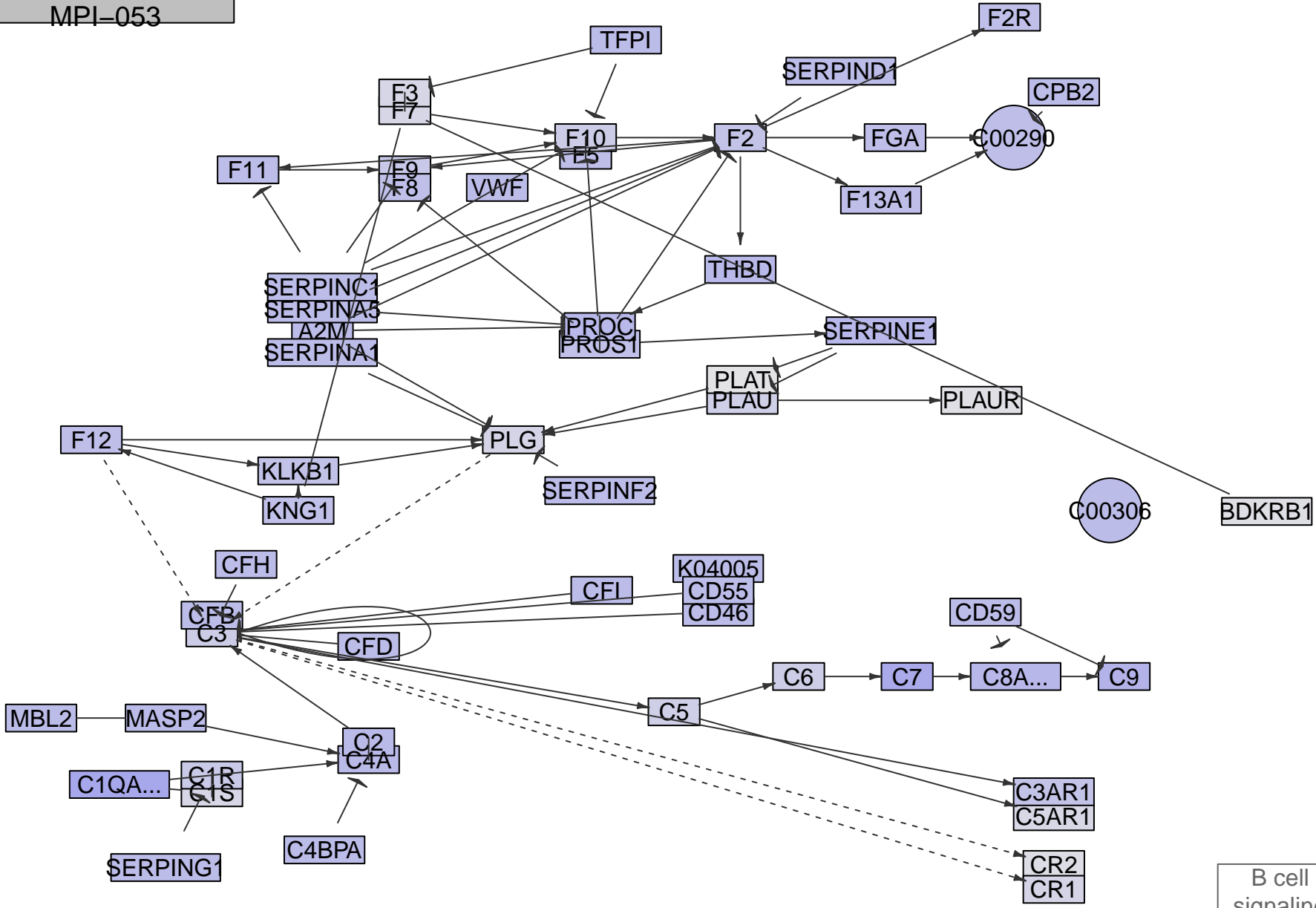


Complement and
coagulation cascades
MPI-047



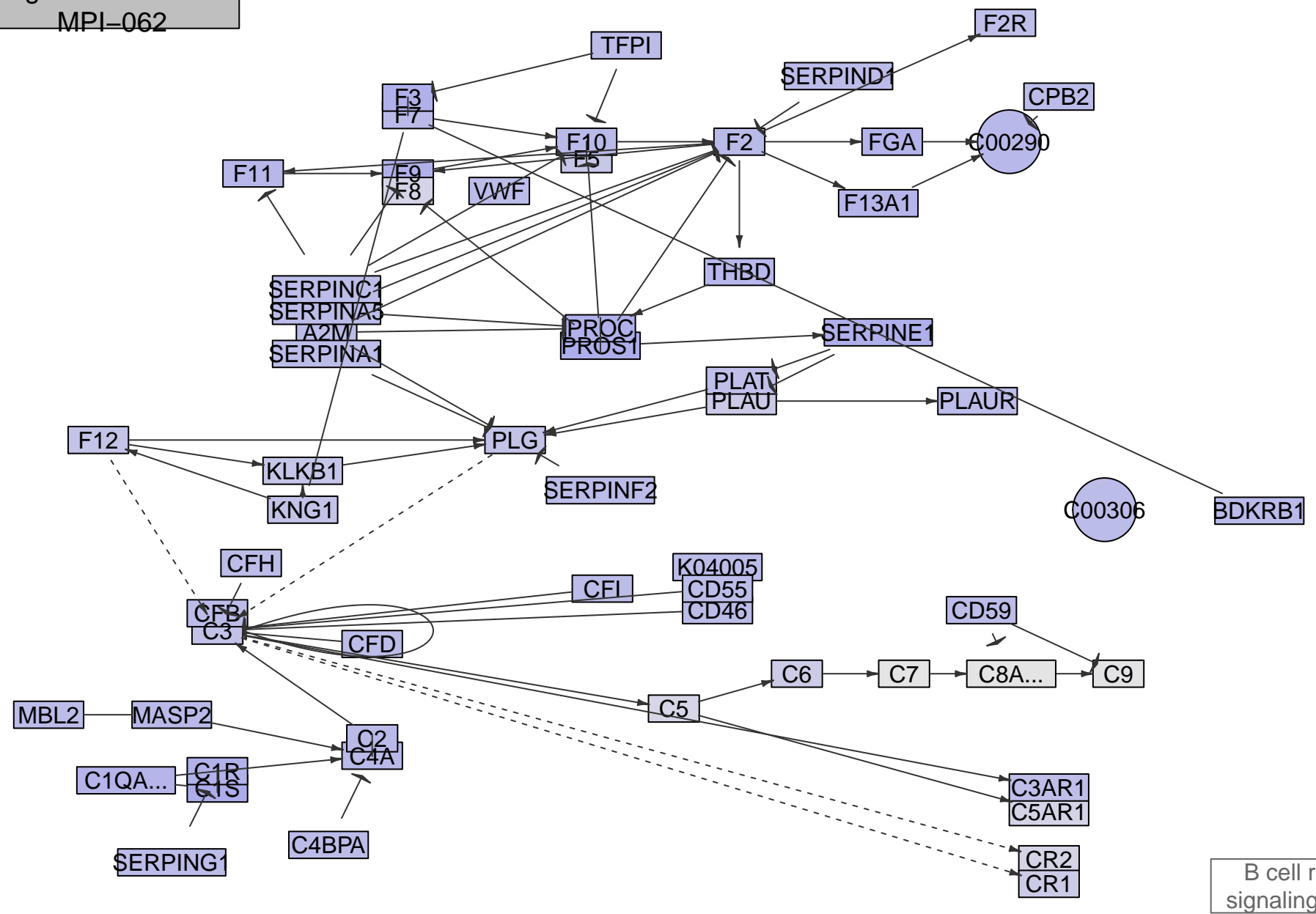
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-053



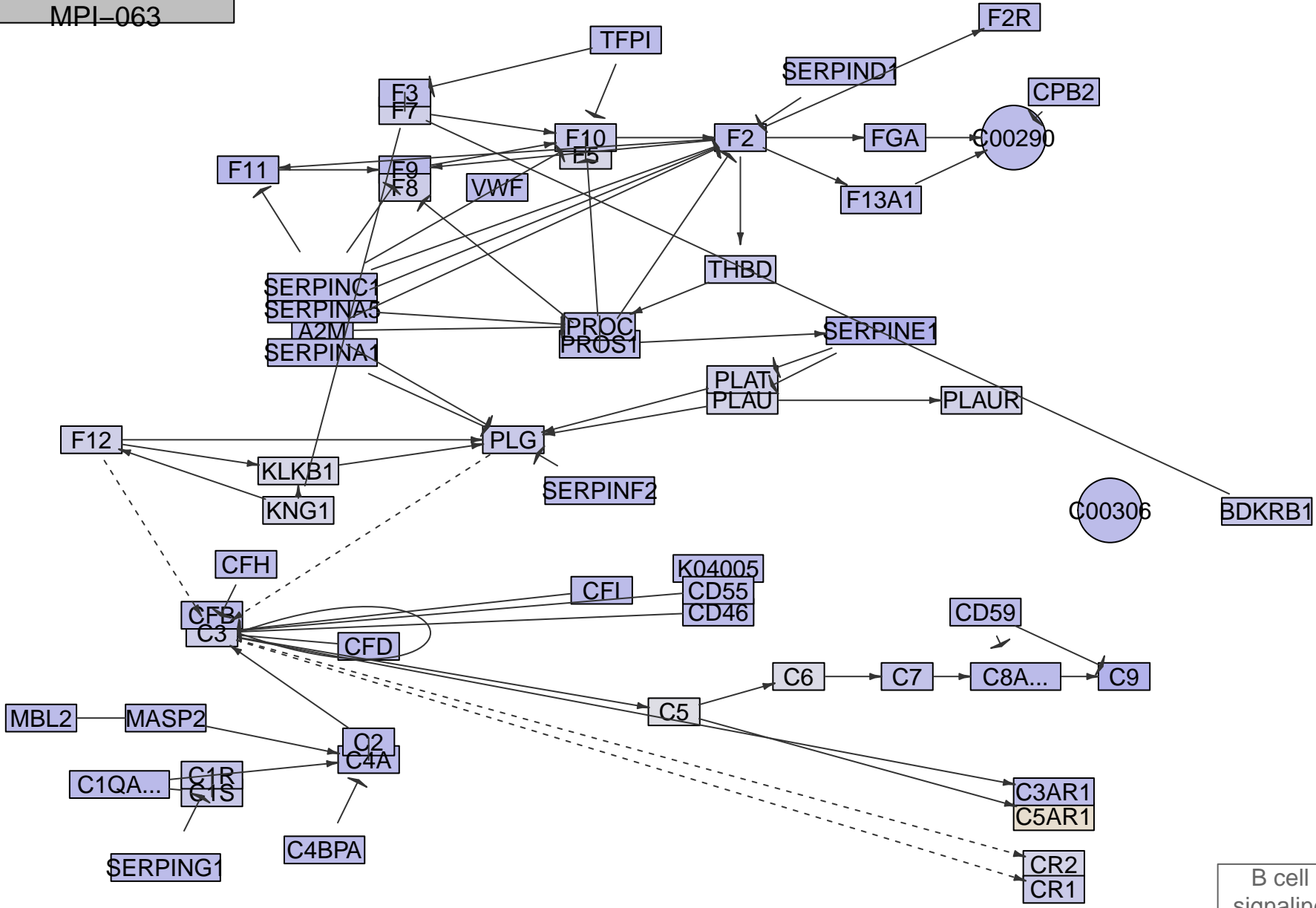
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-062



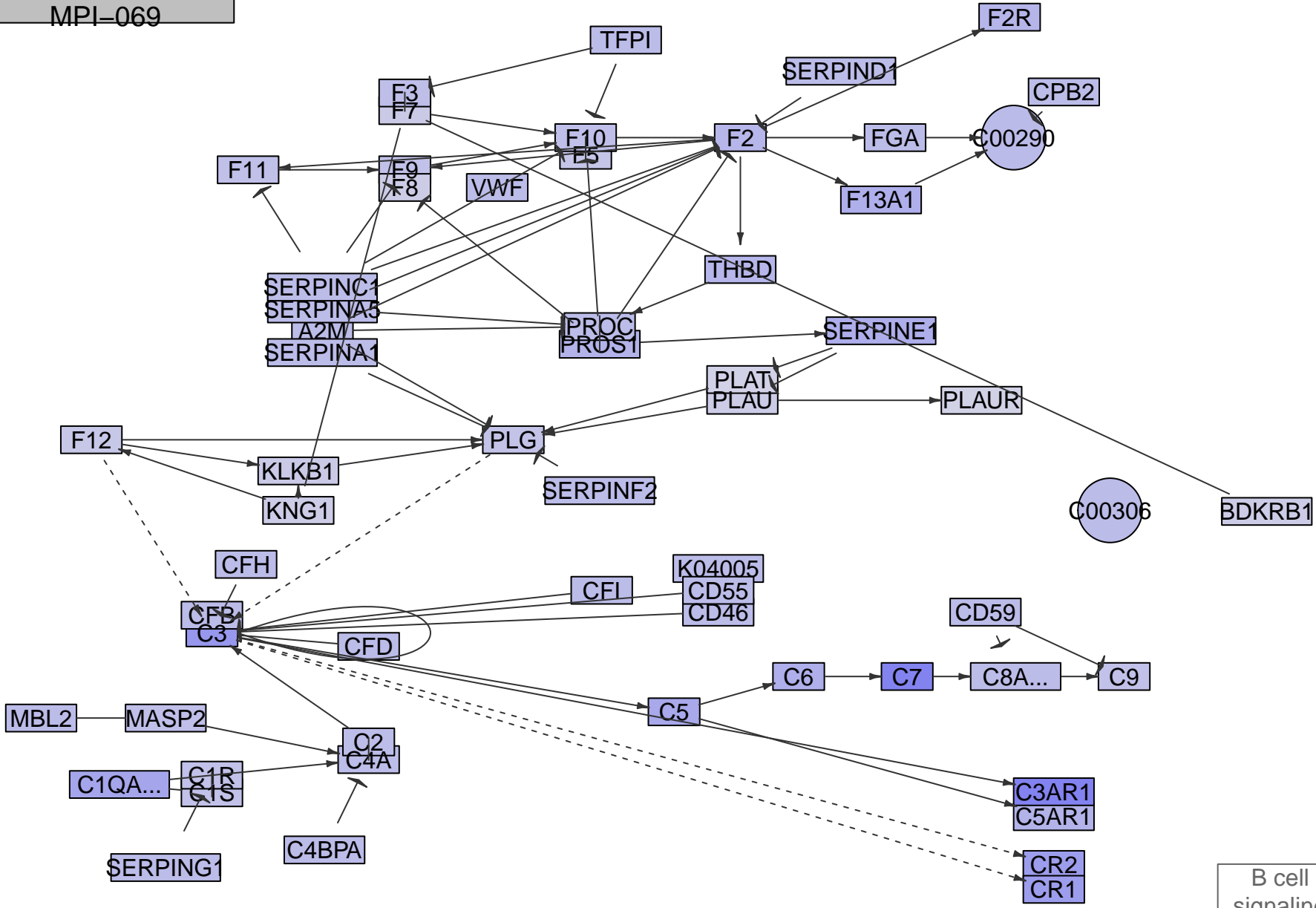
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-063

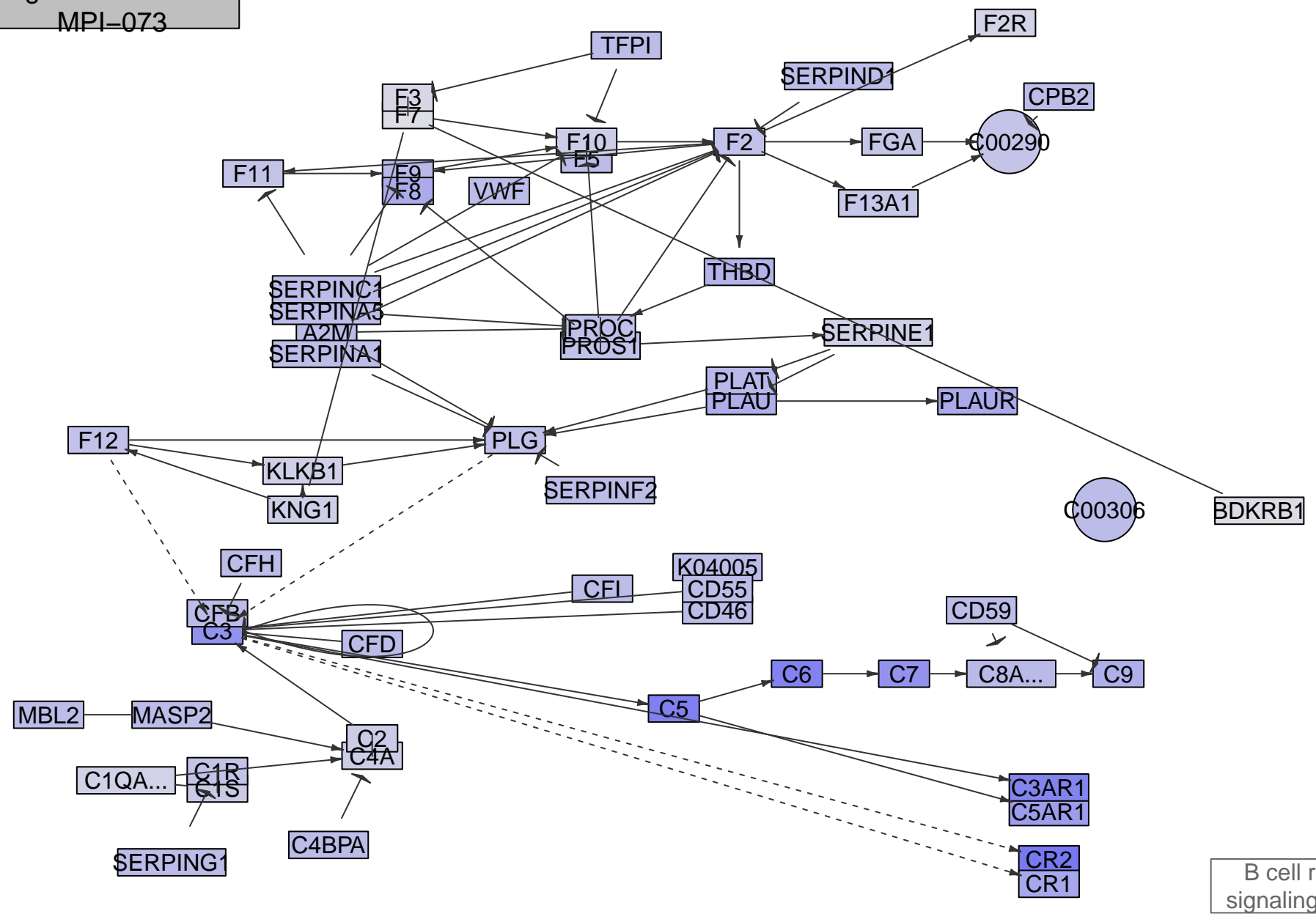


B cell receptor signaling pathway

Complement and coagulation cascades
MPI-069

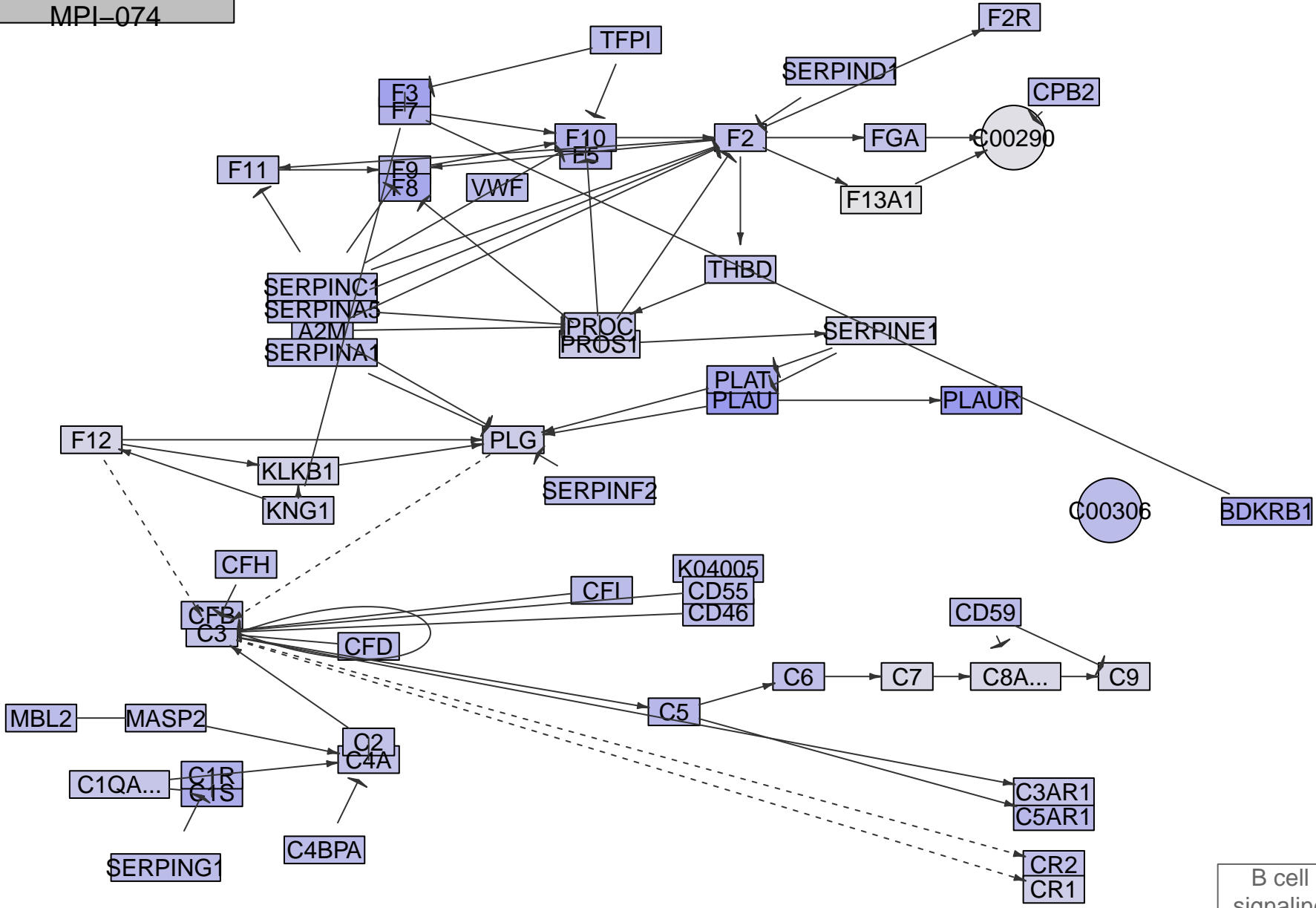


Complement and
coagulation cascades
MPI-073



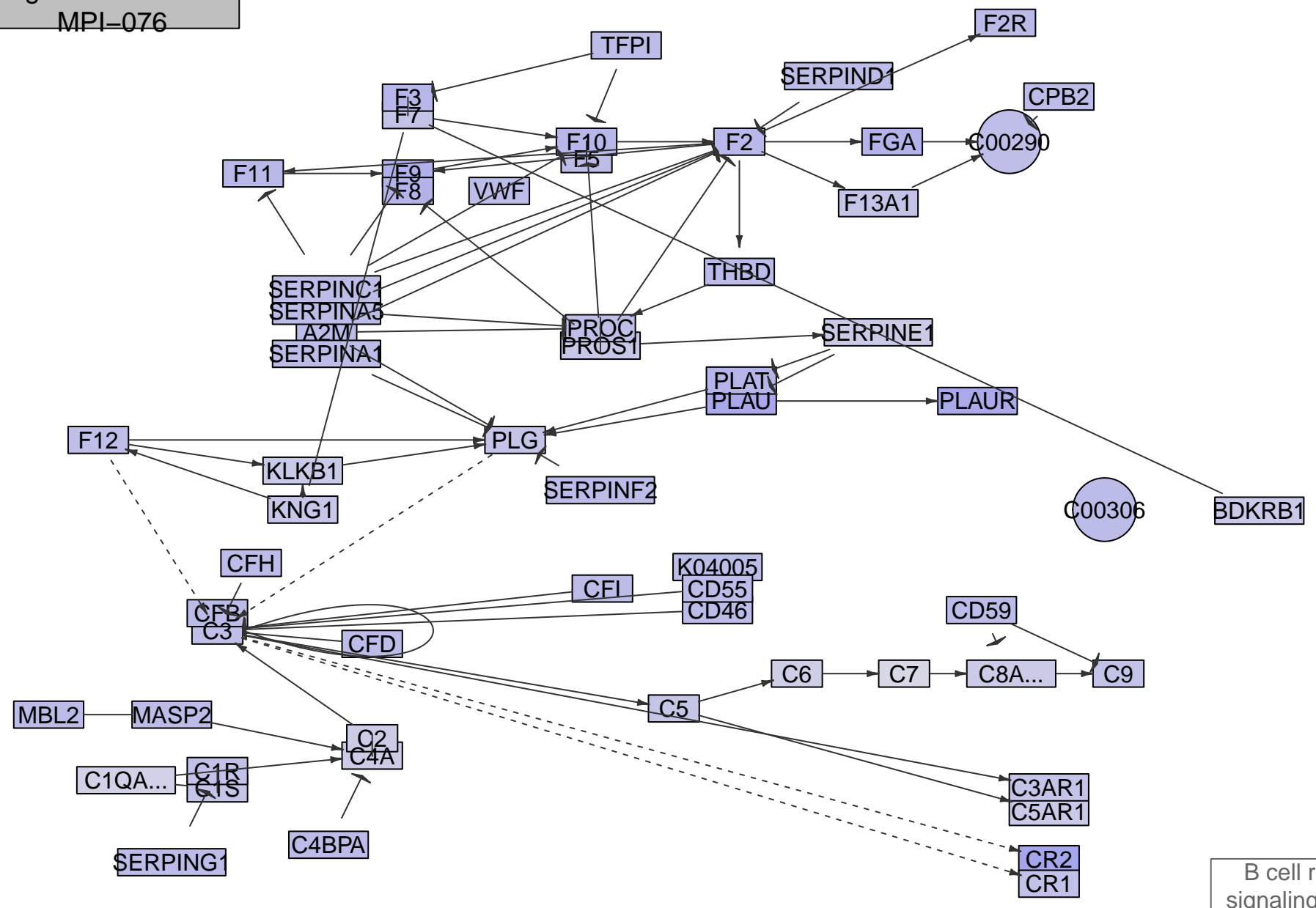
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-074



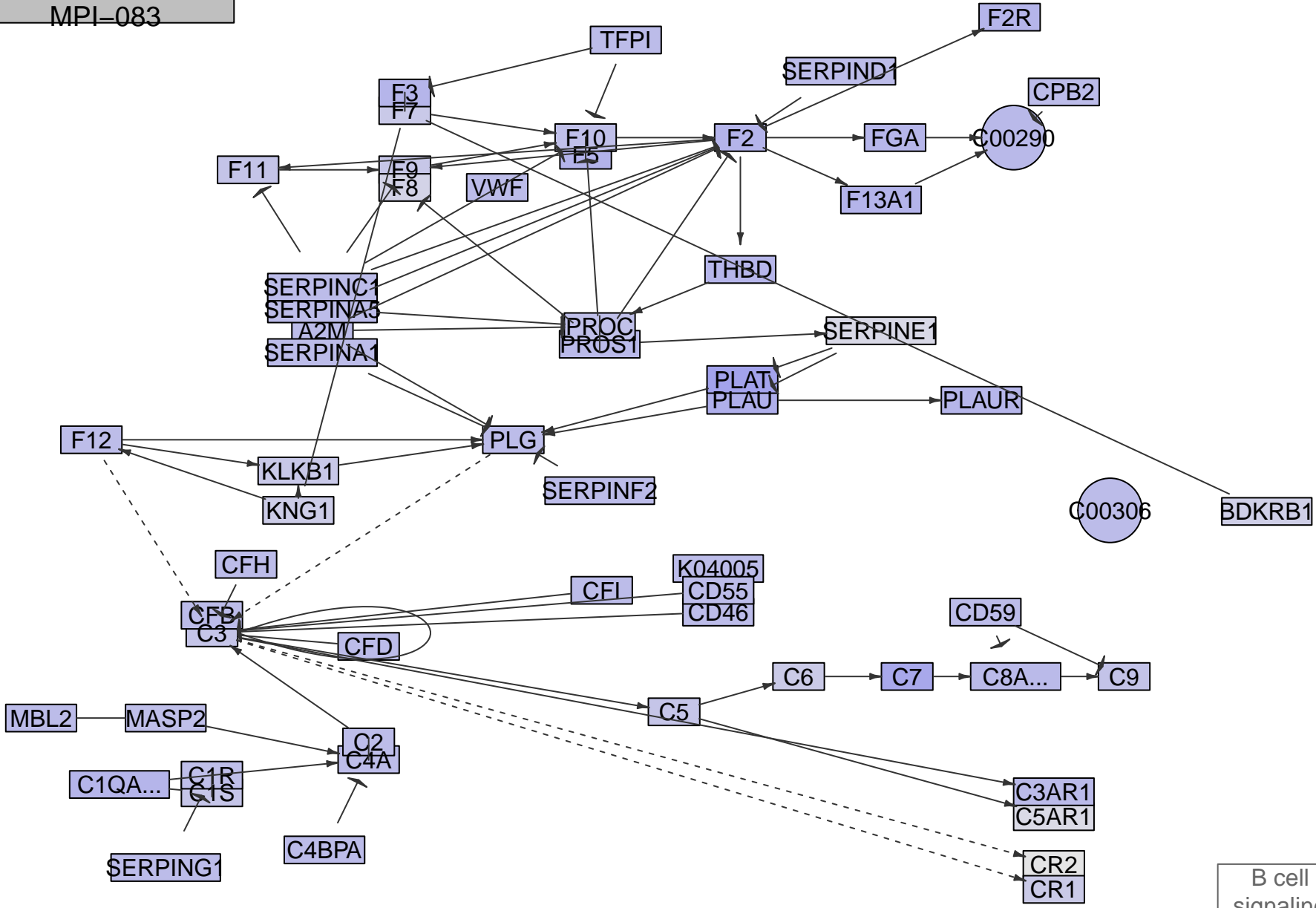
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-076



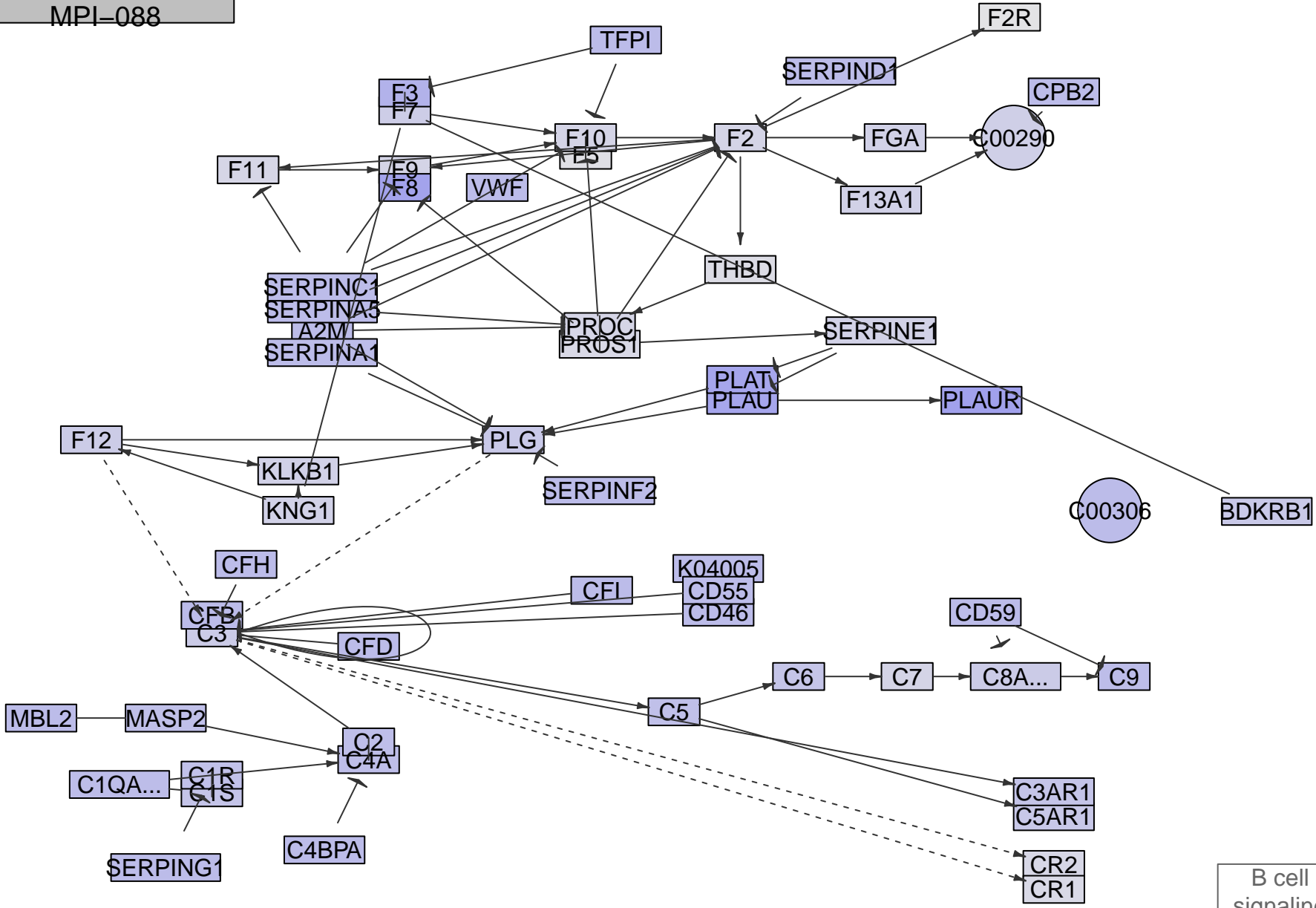
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-083



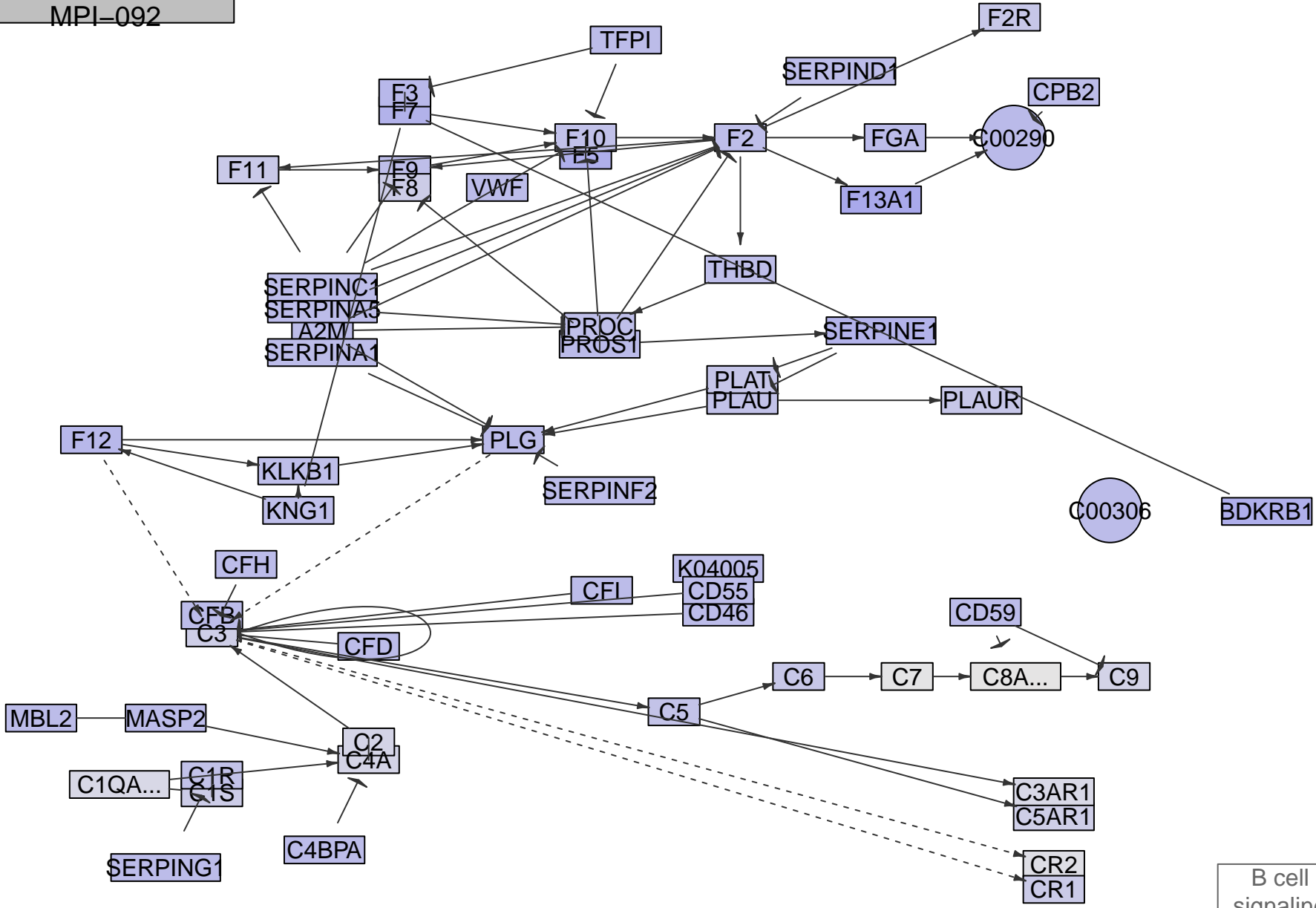
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-088



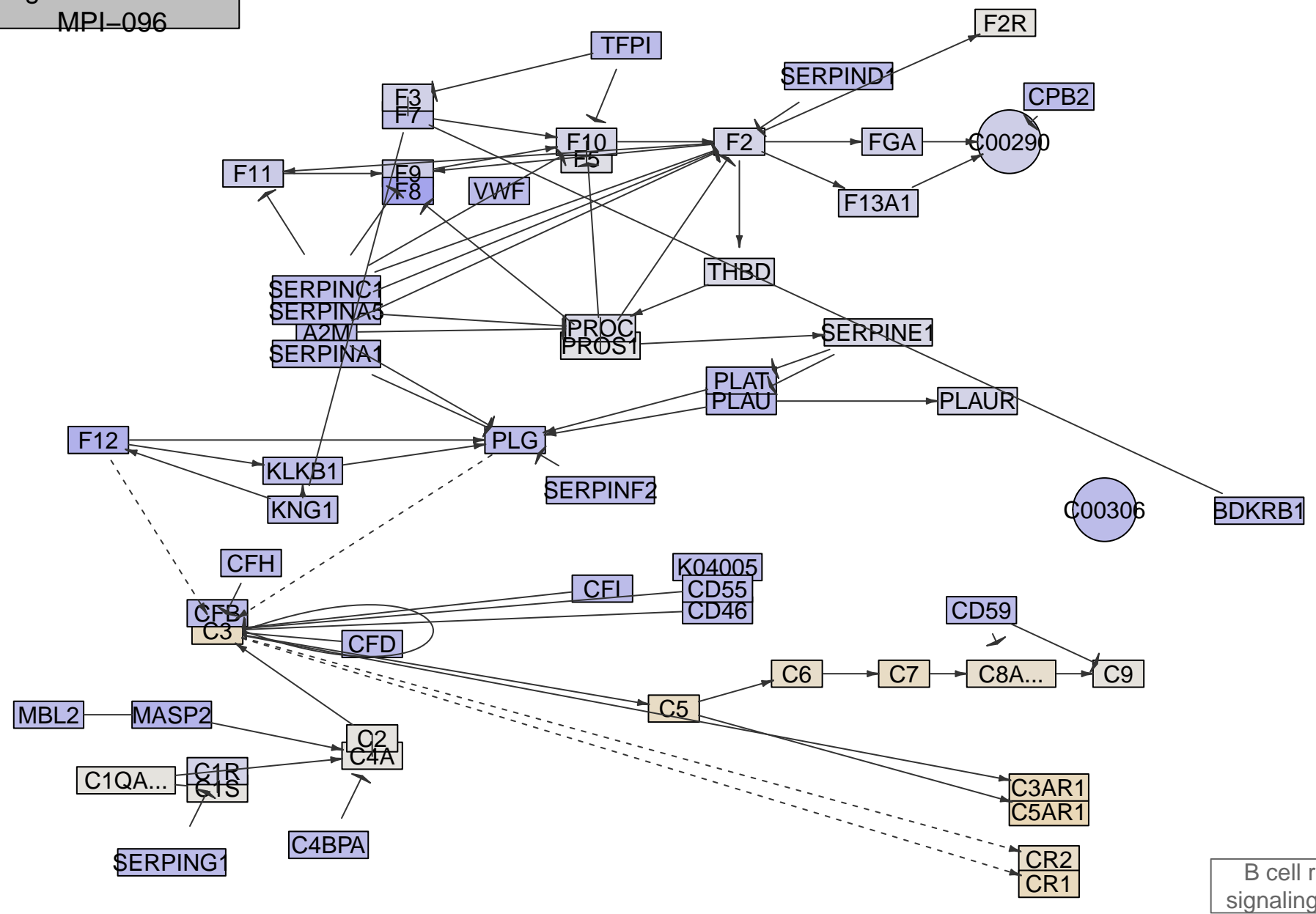
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-092



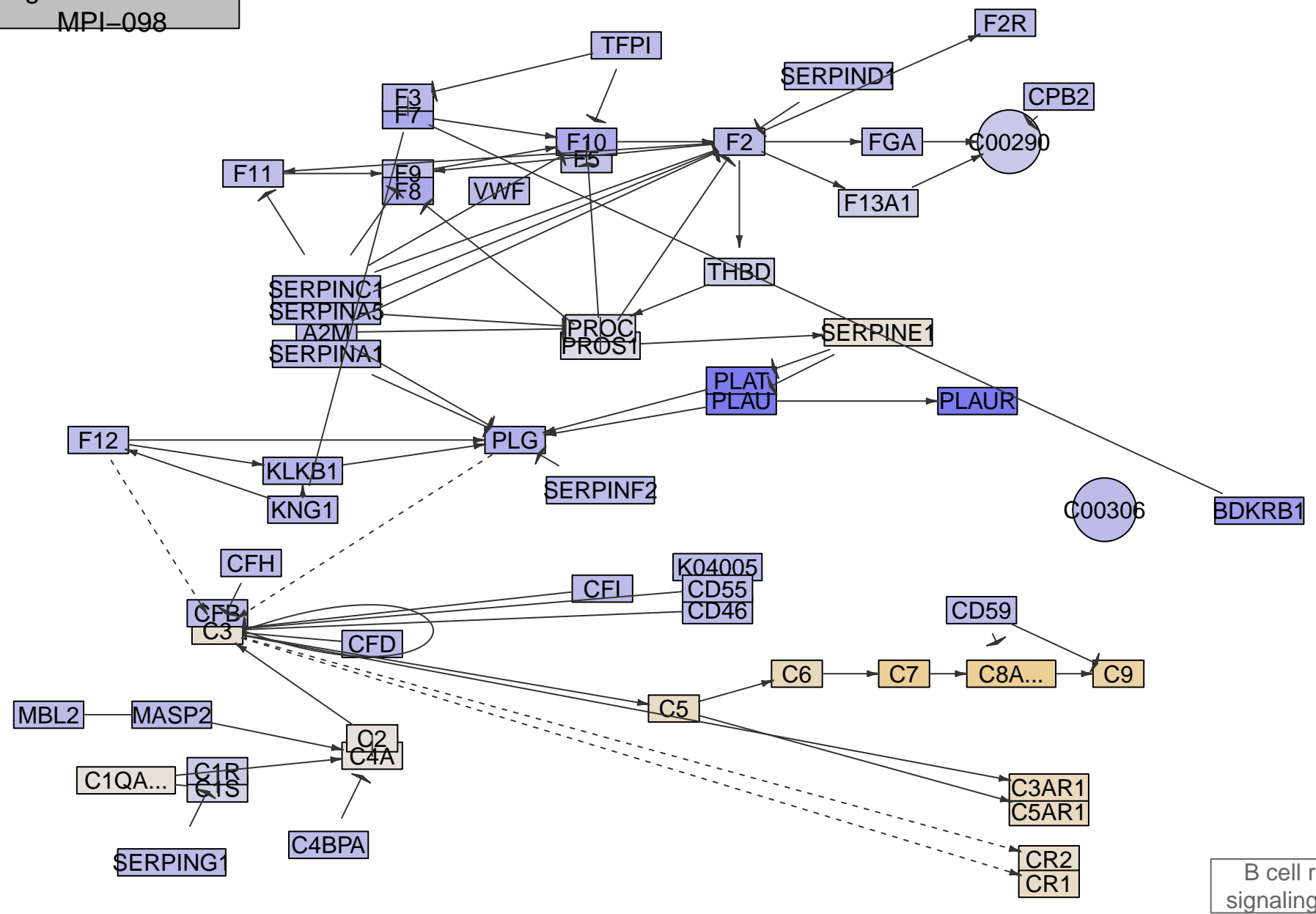
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-096



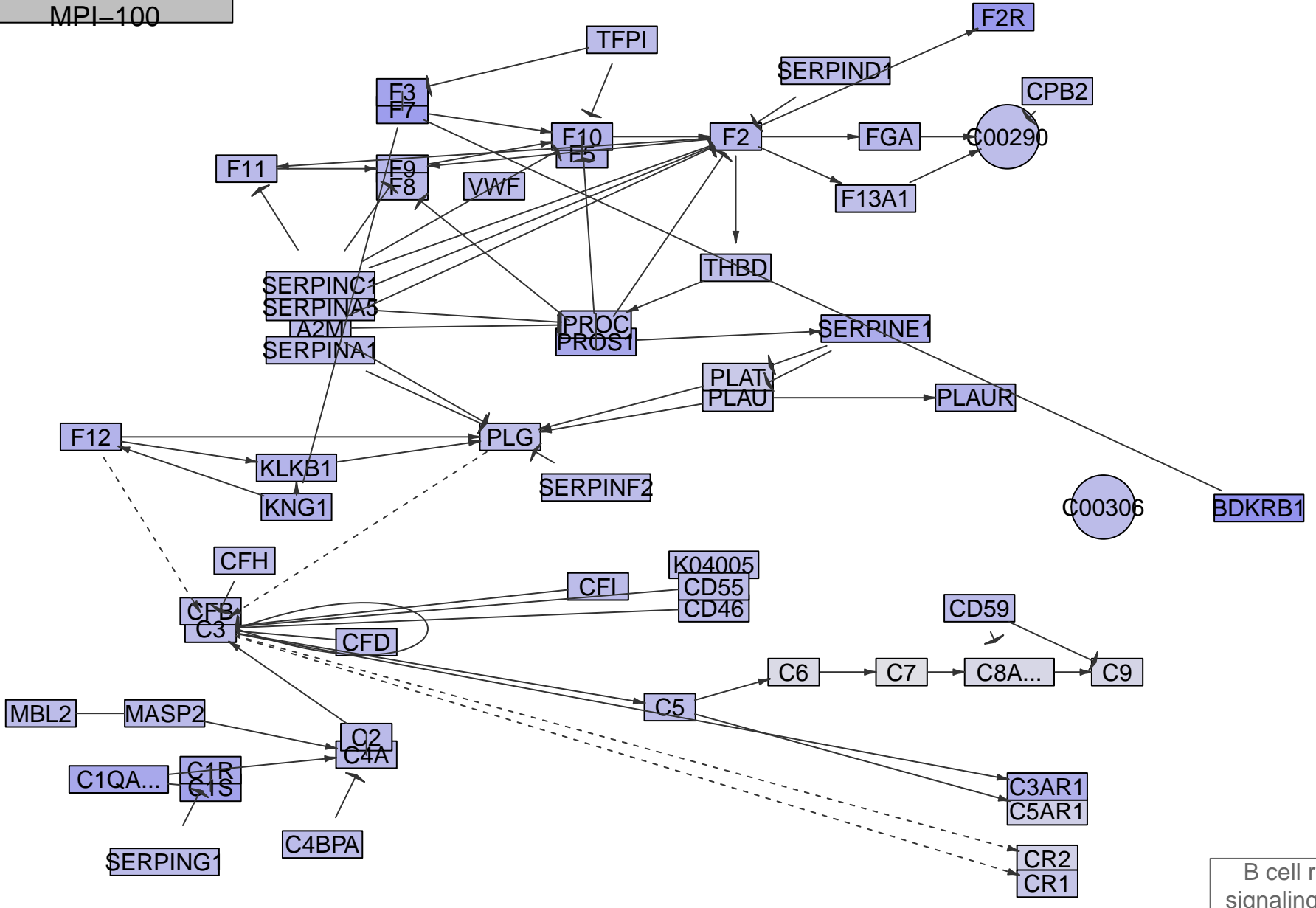
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-098



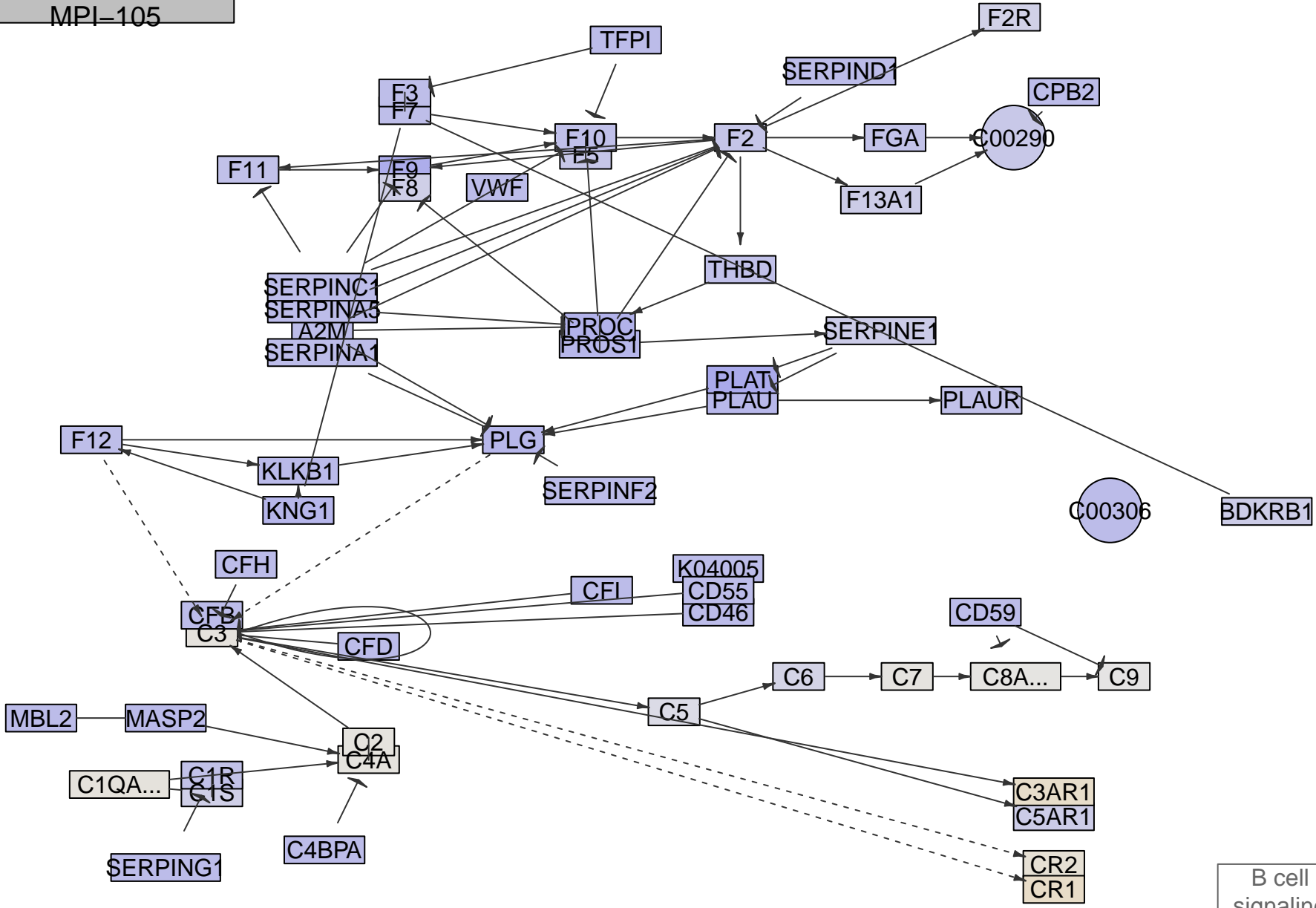
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-100



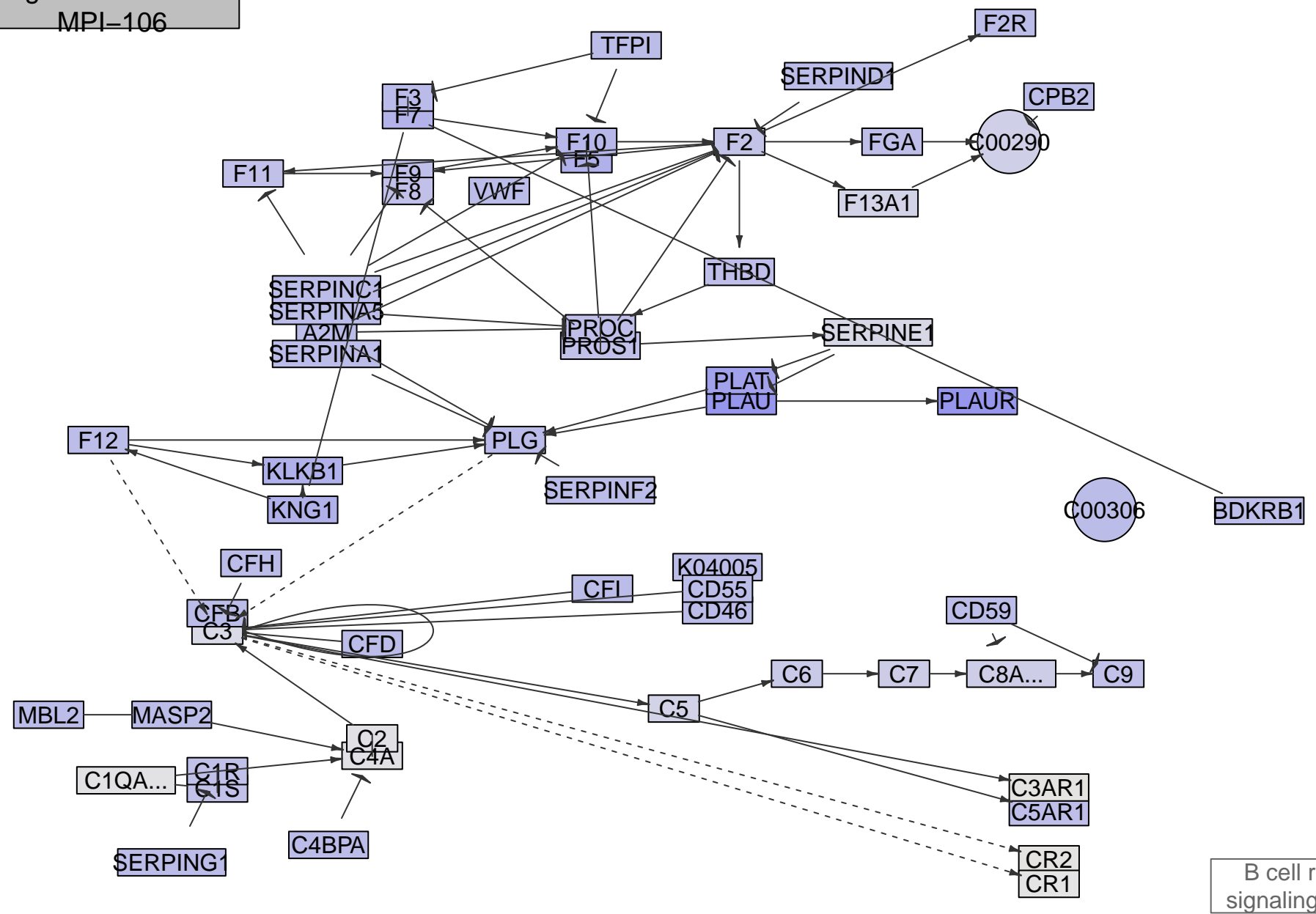
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-105

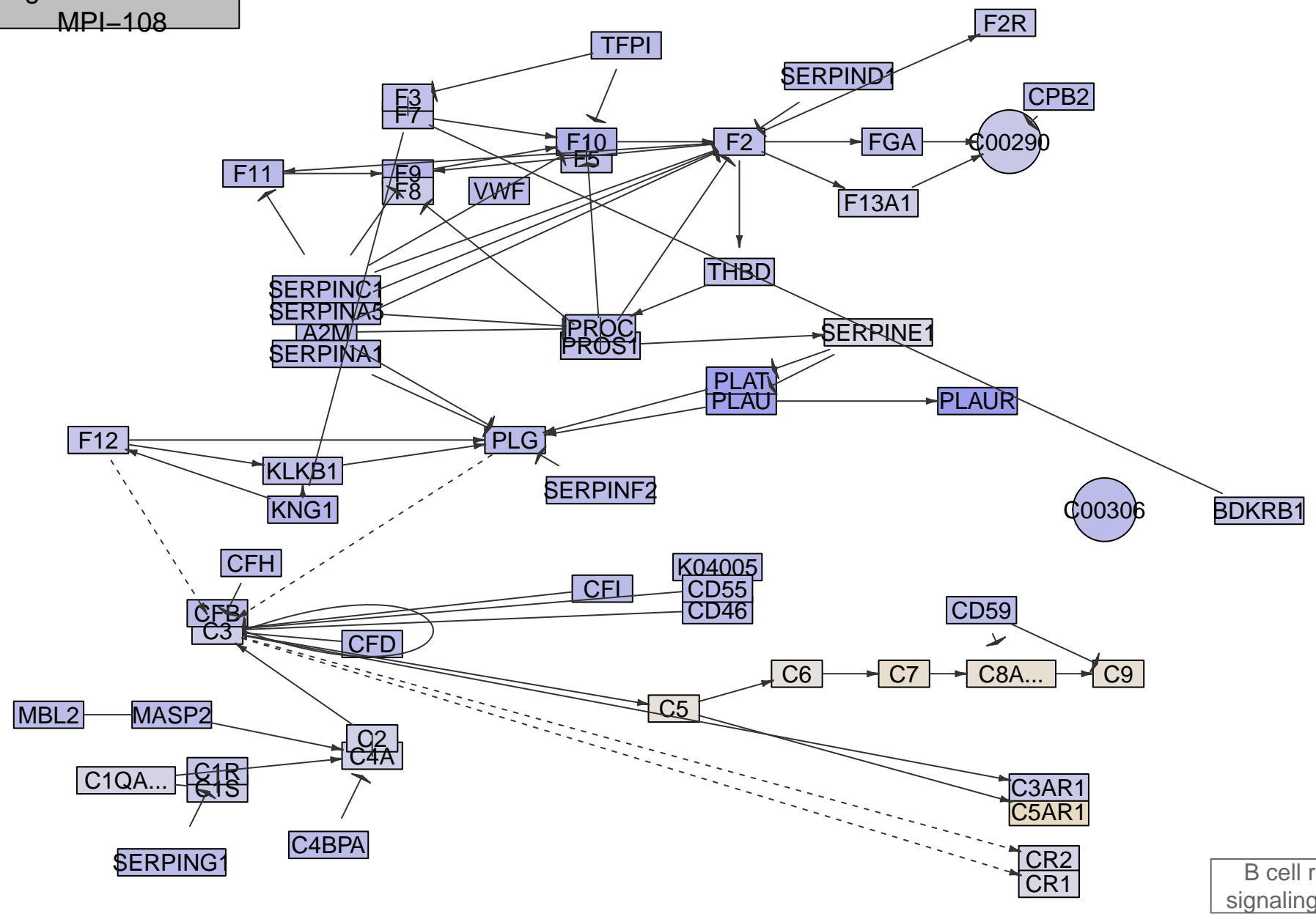


B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-106

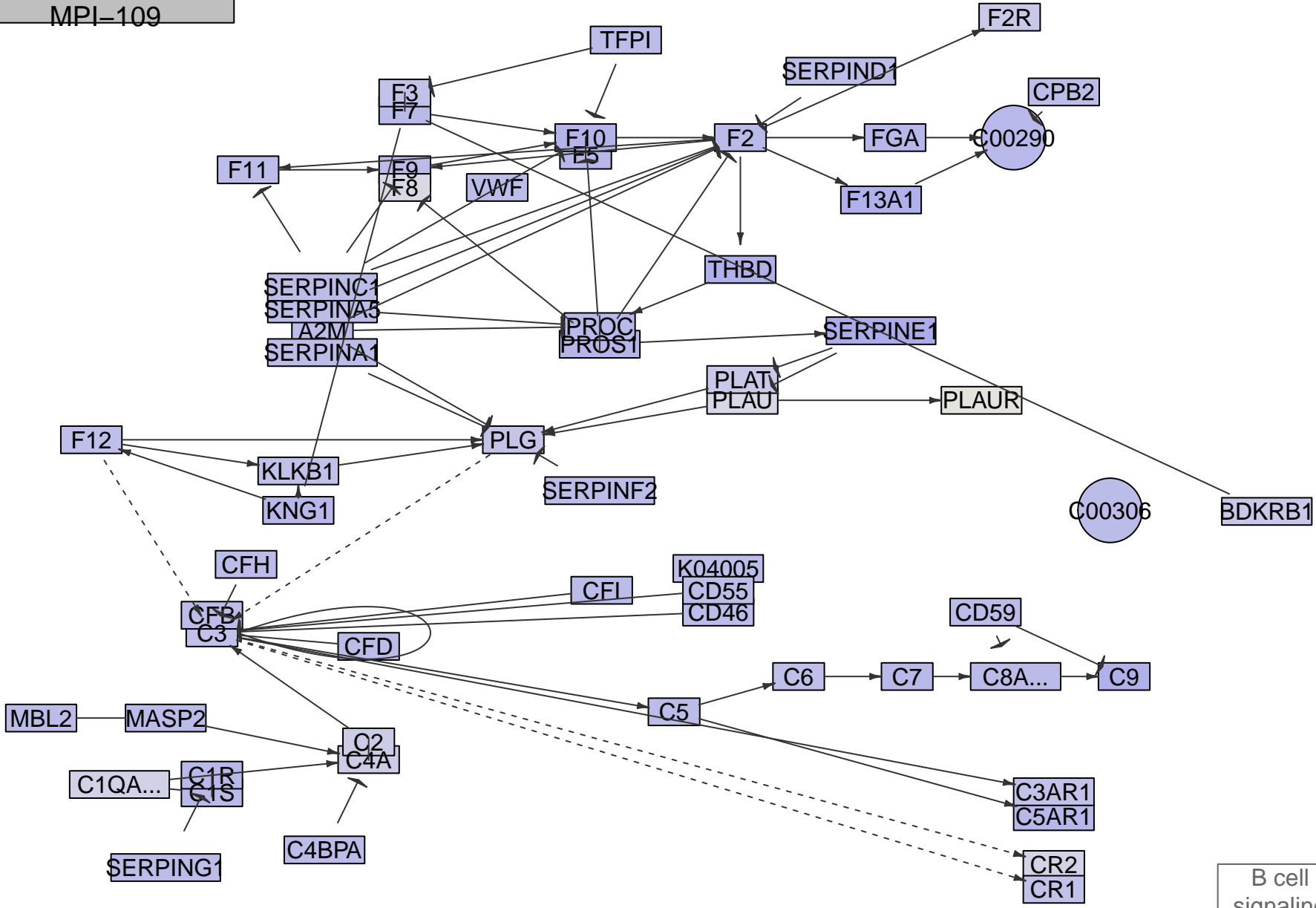


Complement and coagulation cascades
MPI-108



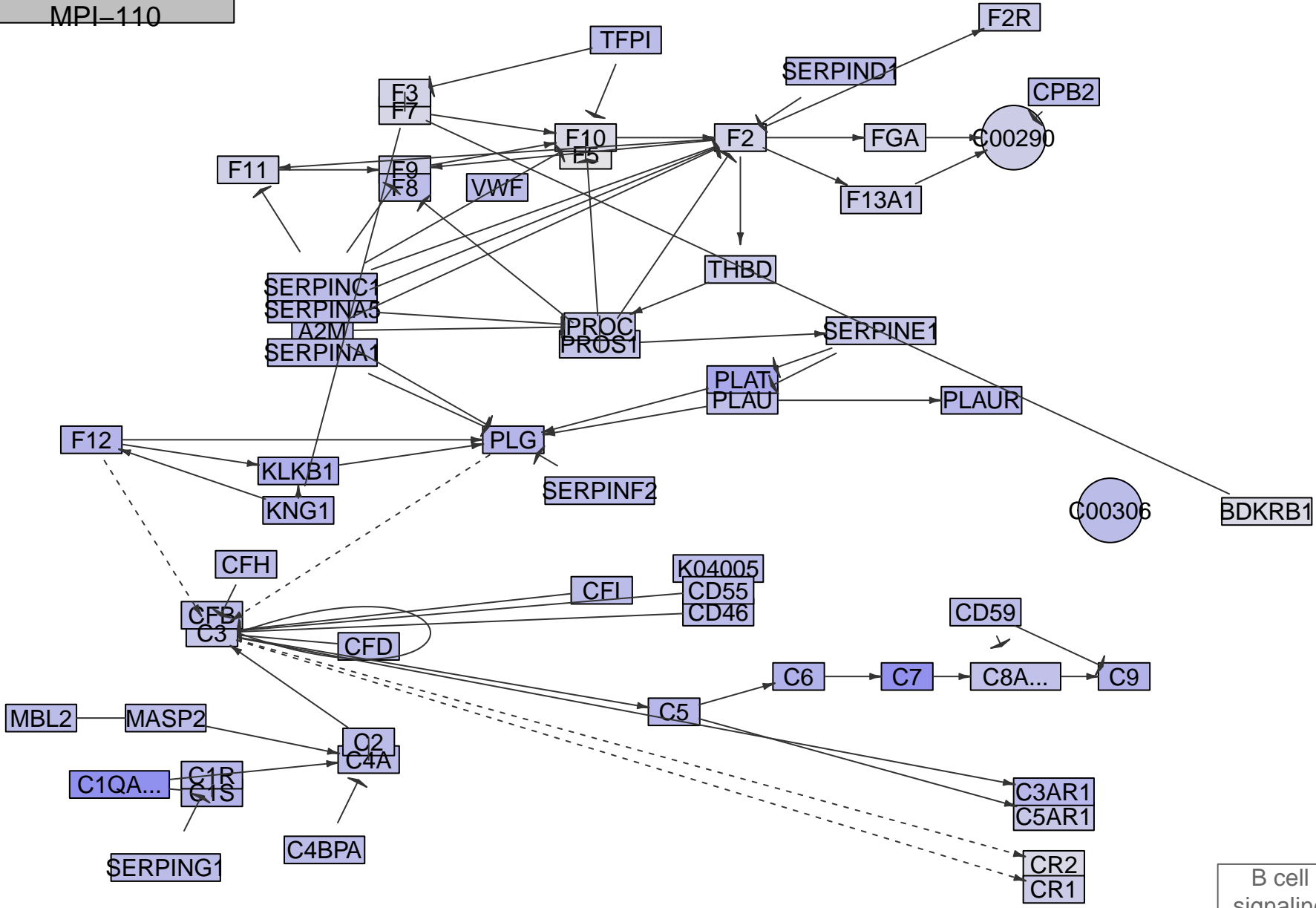
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-109



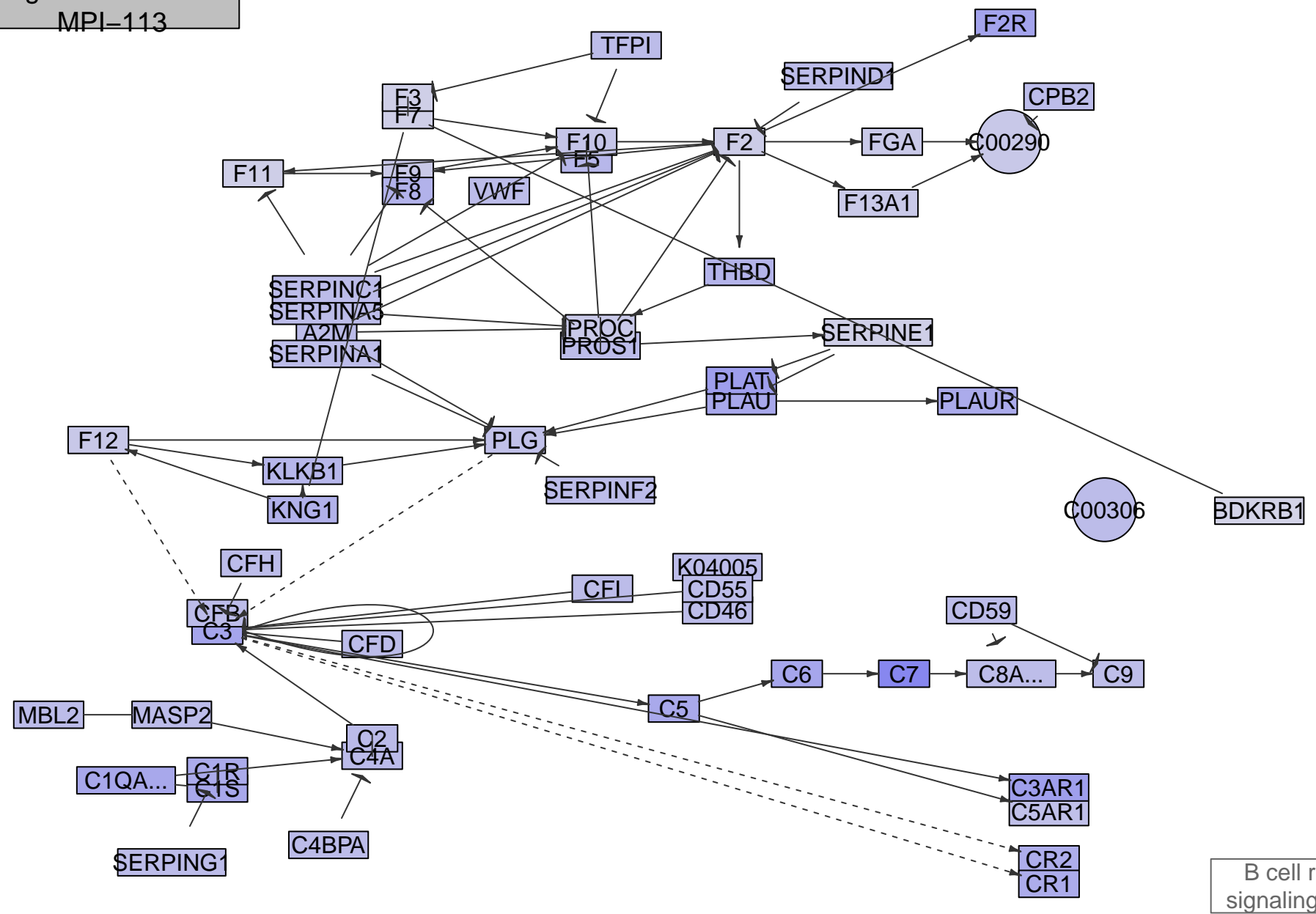
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-110

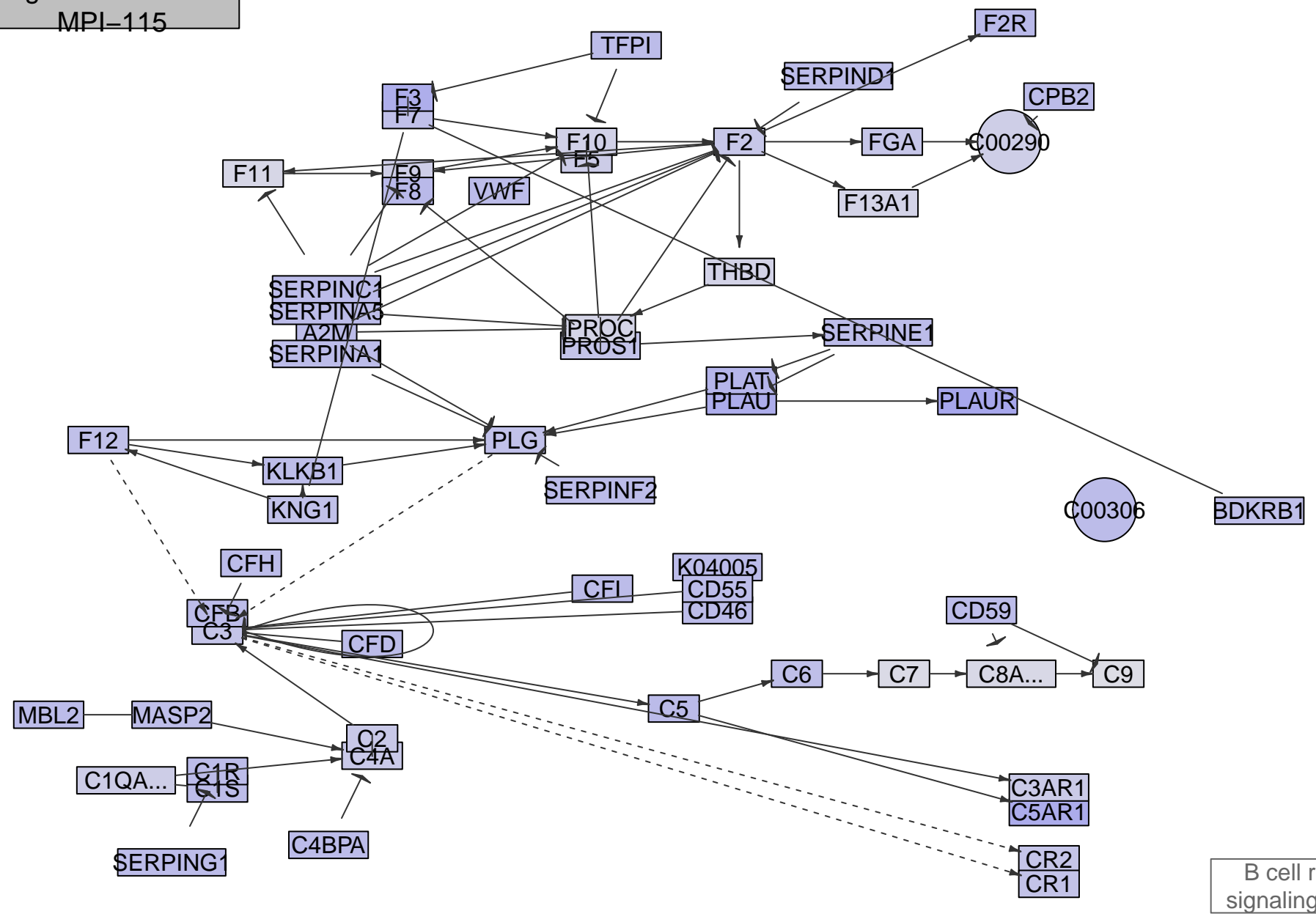


B cell receptor signaling pathway

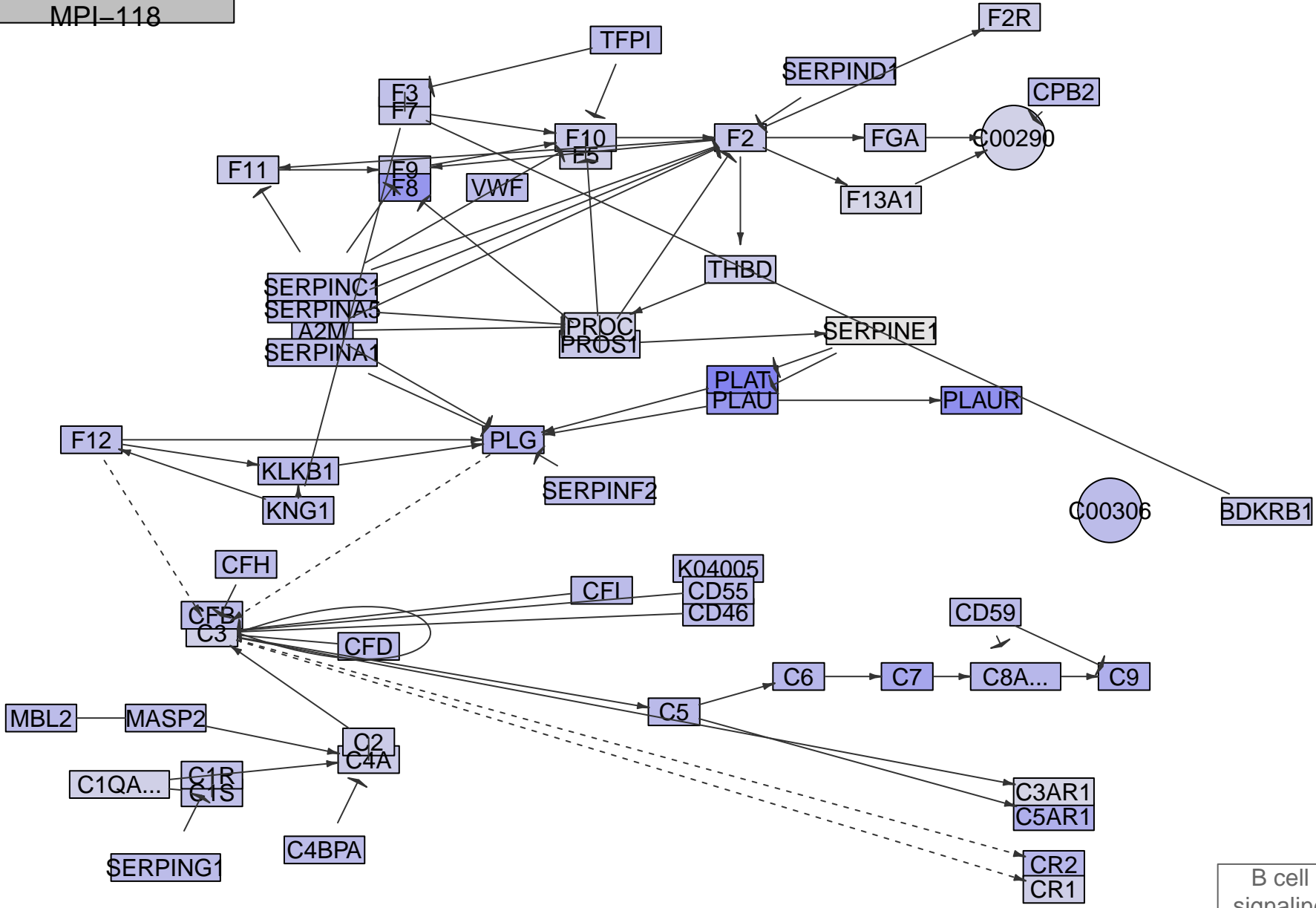
Complement and
coagulation cascades
MPI-113



Complement and
coagulation cascades
MPI-115

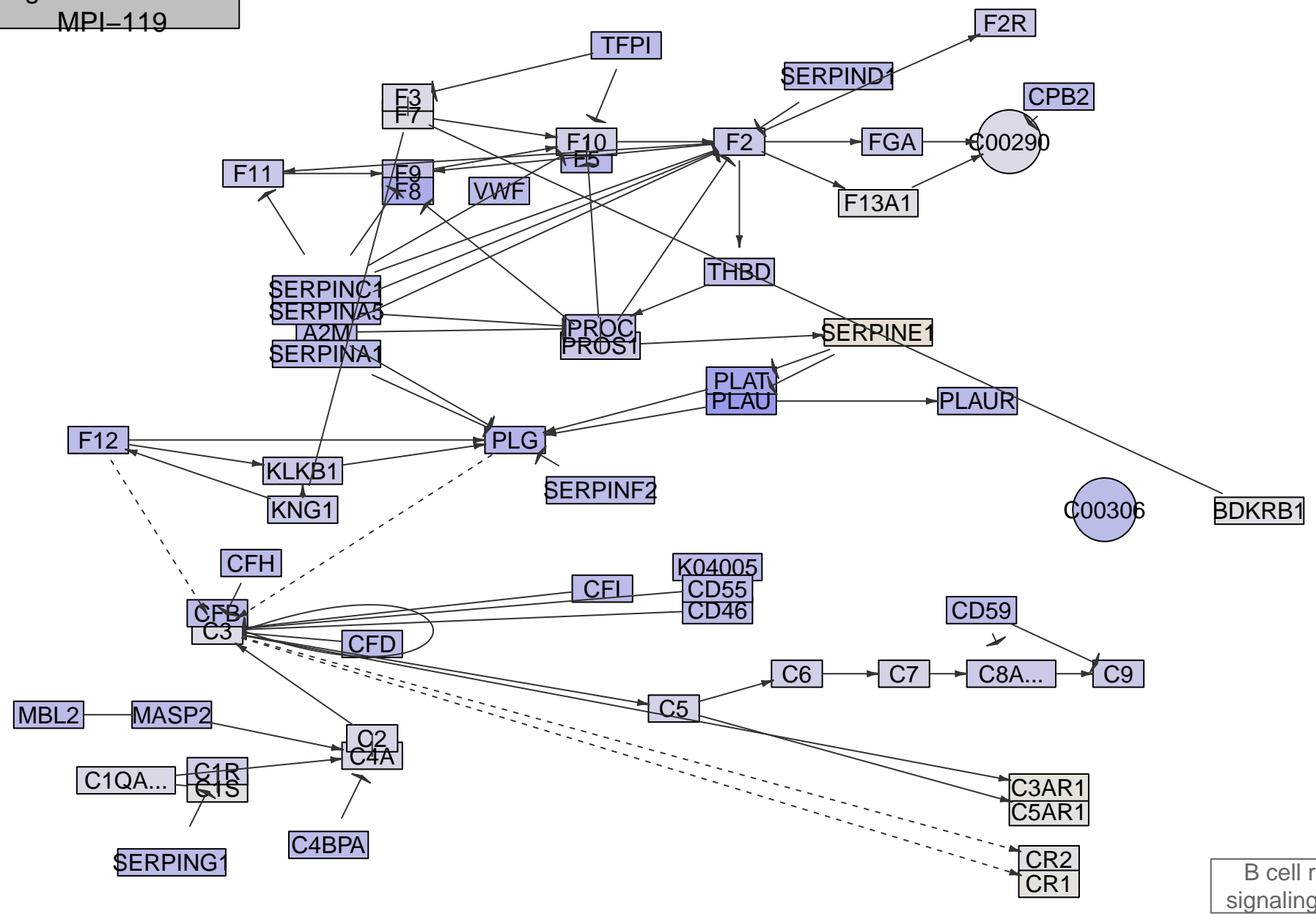


Complement and
coagulation cascades
MPI-118



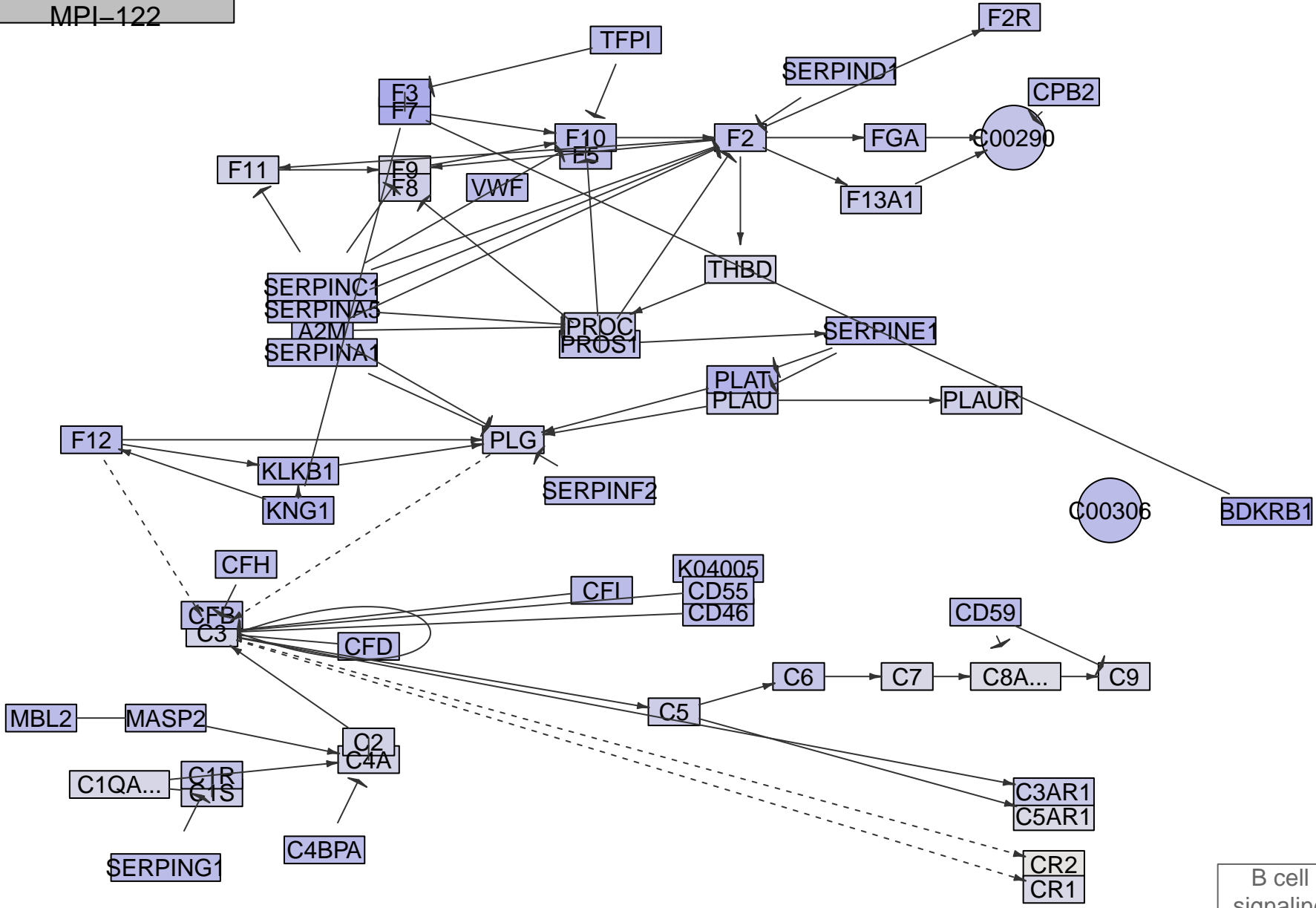
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-119



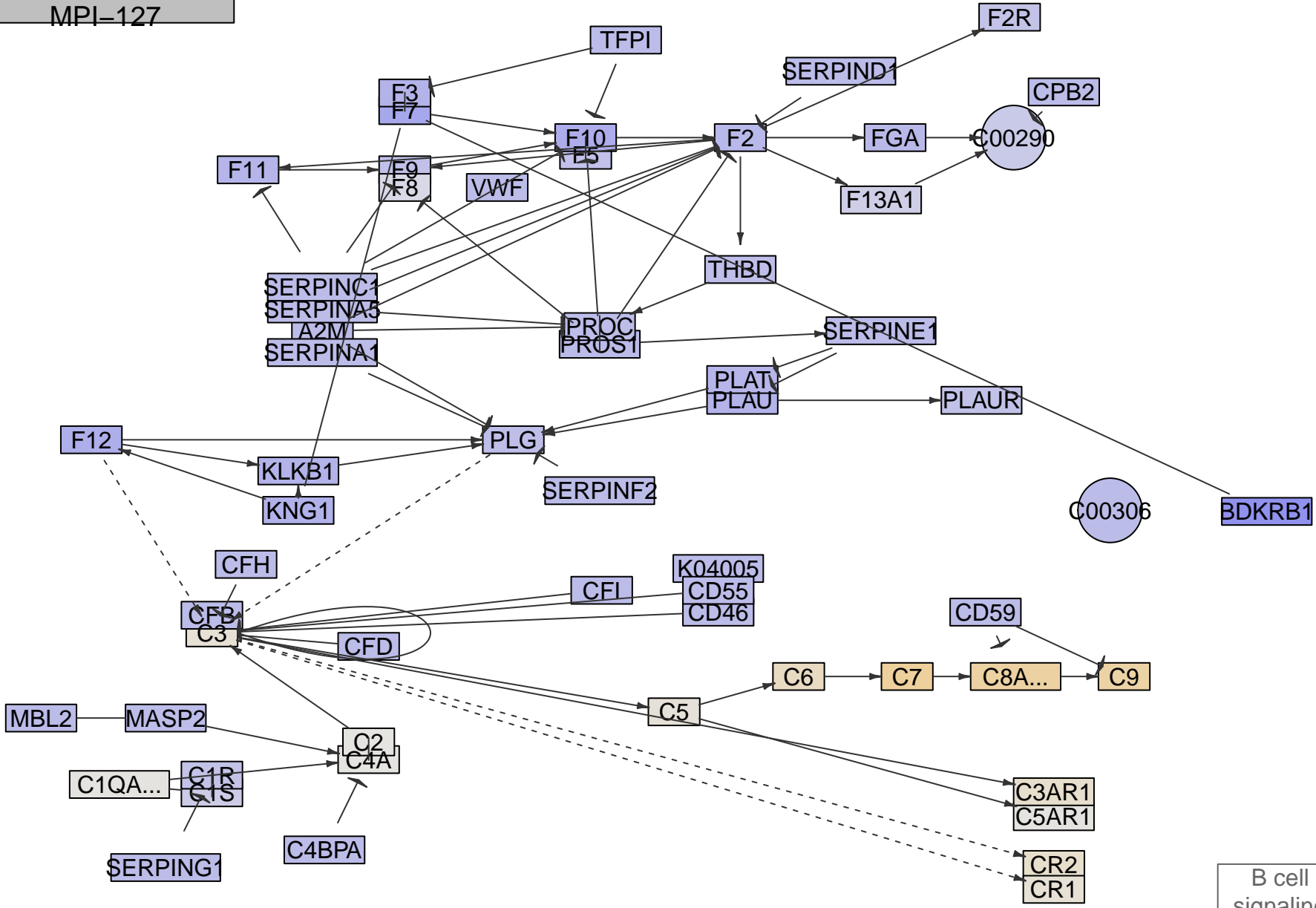
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-122



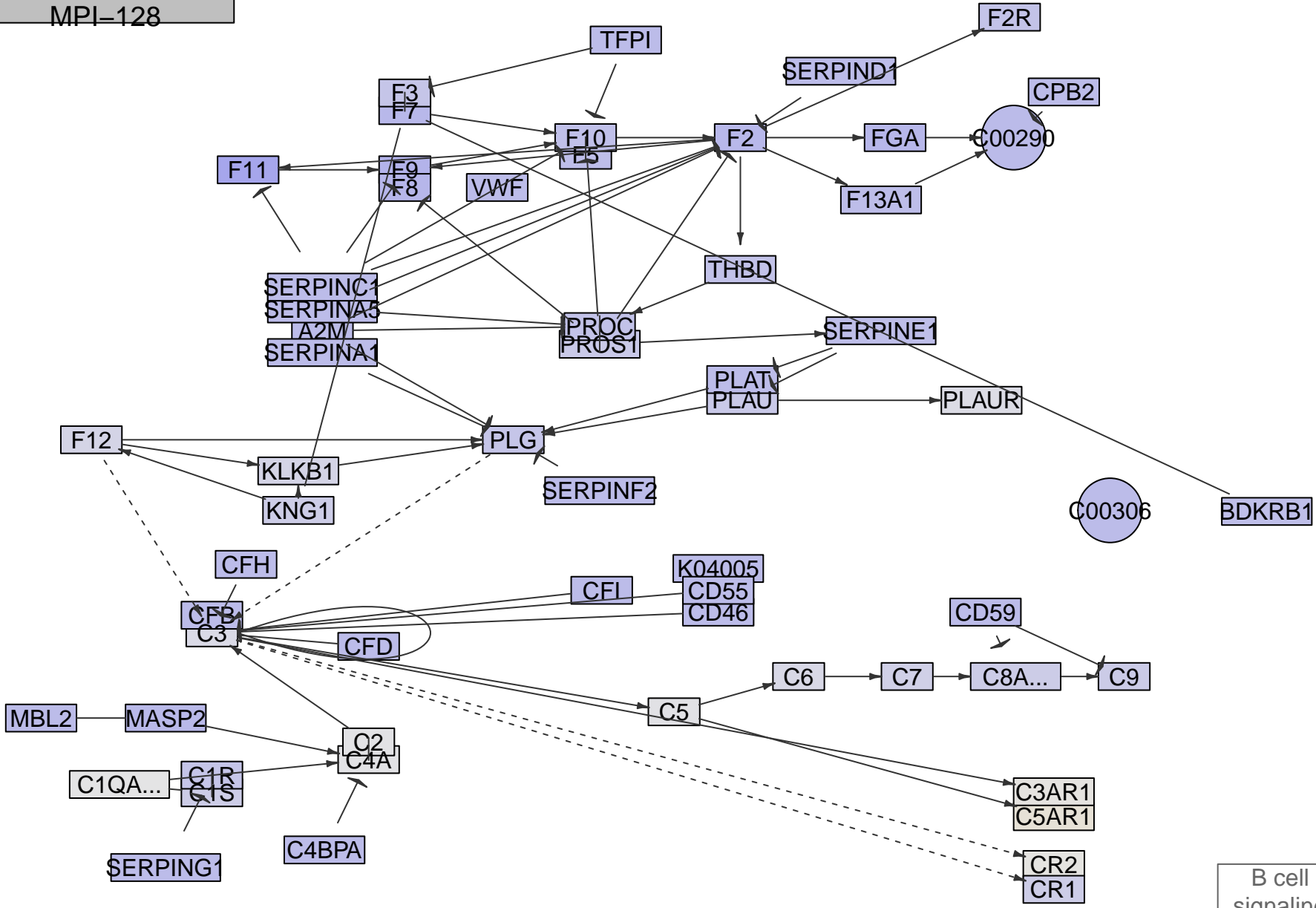
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-127

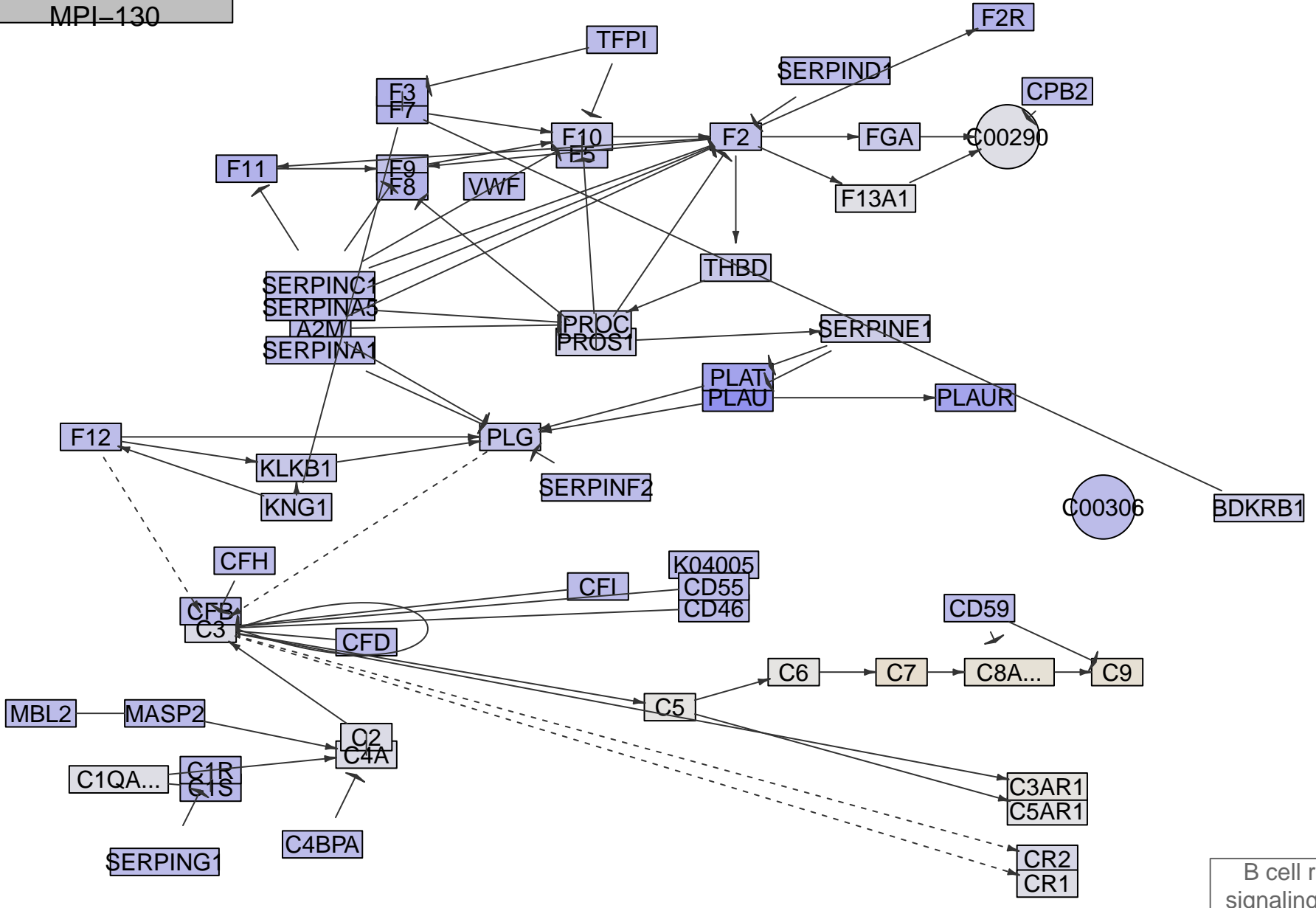


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-128

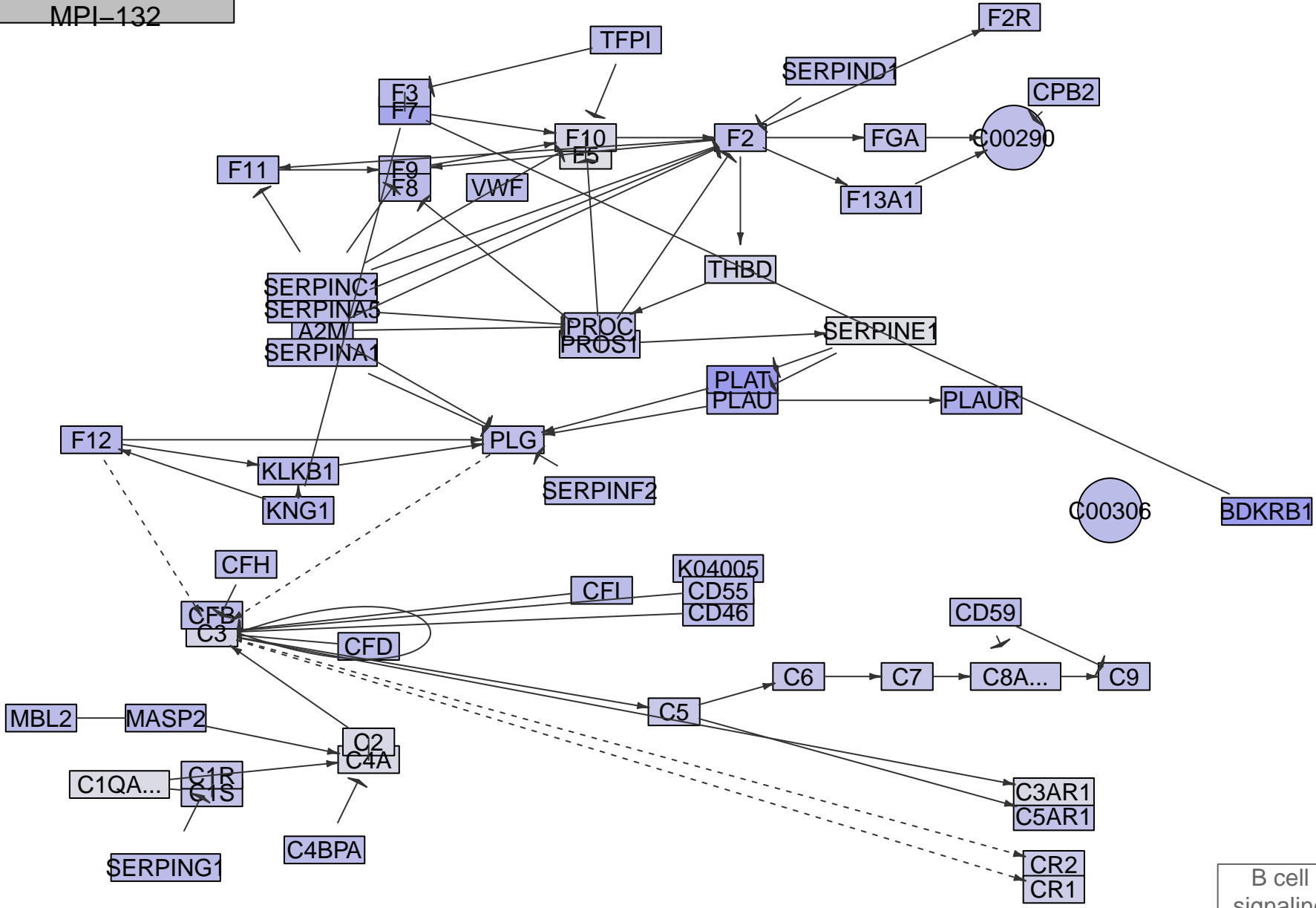


Complement and
coagulation cascades
MPI-130



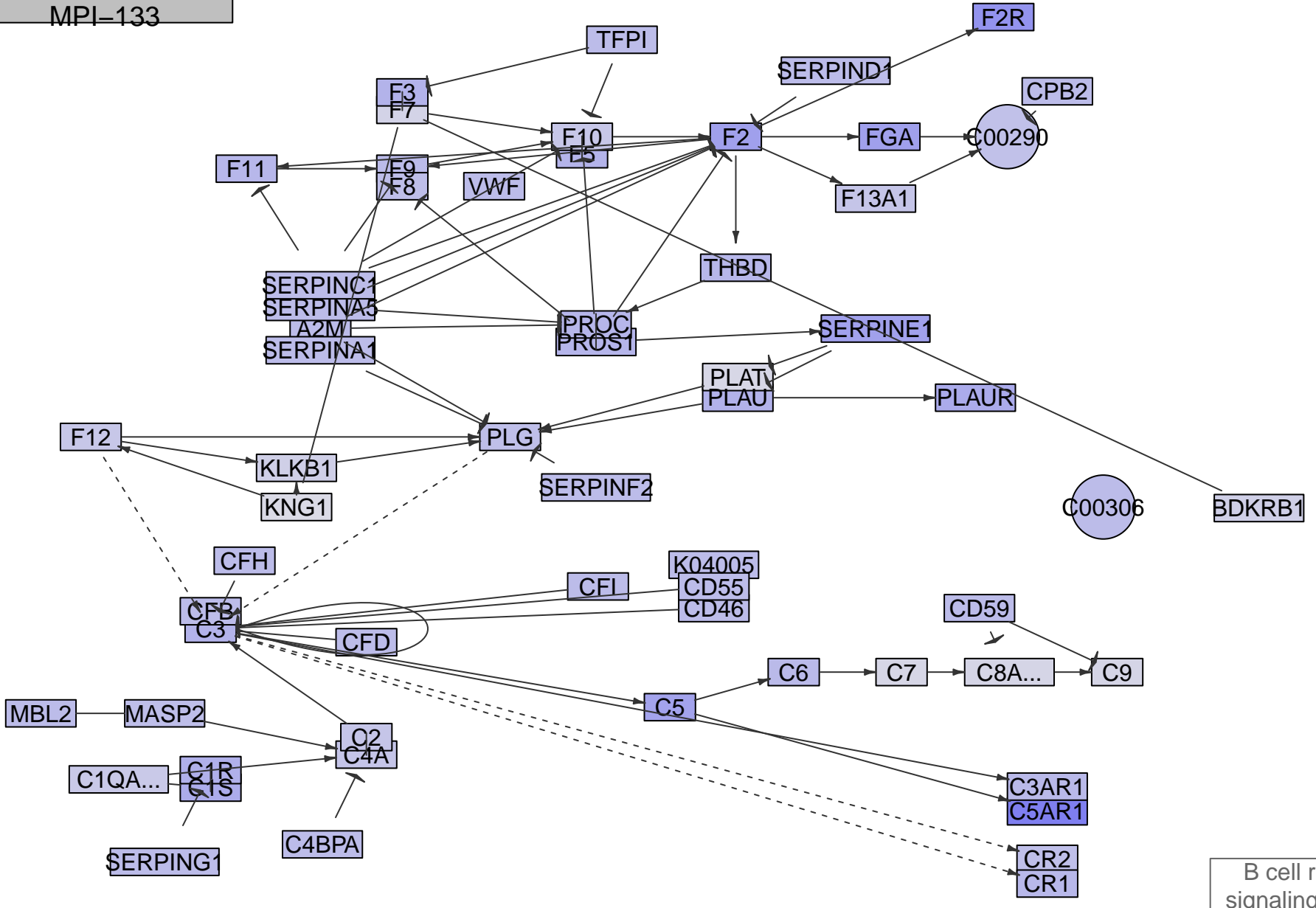
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-132



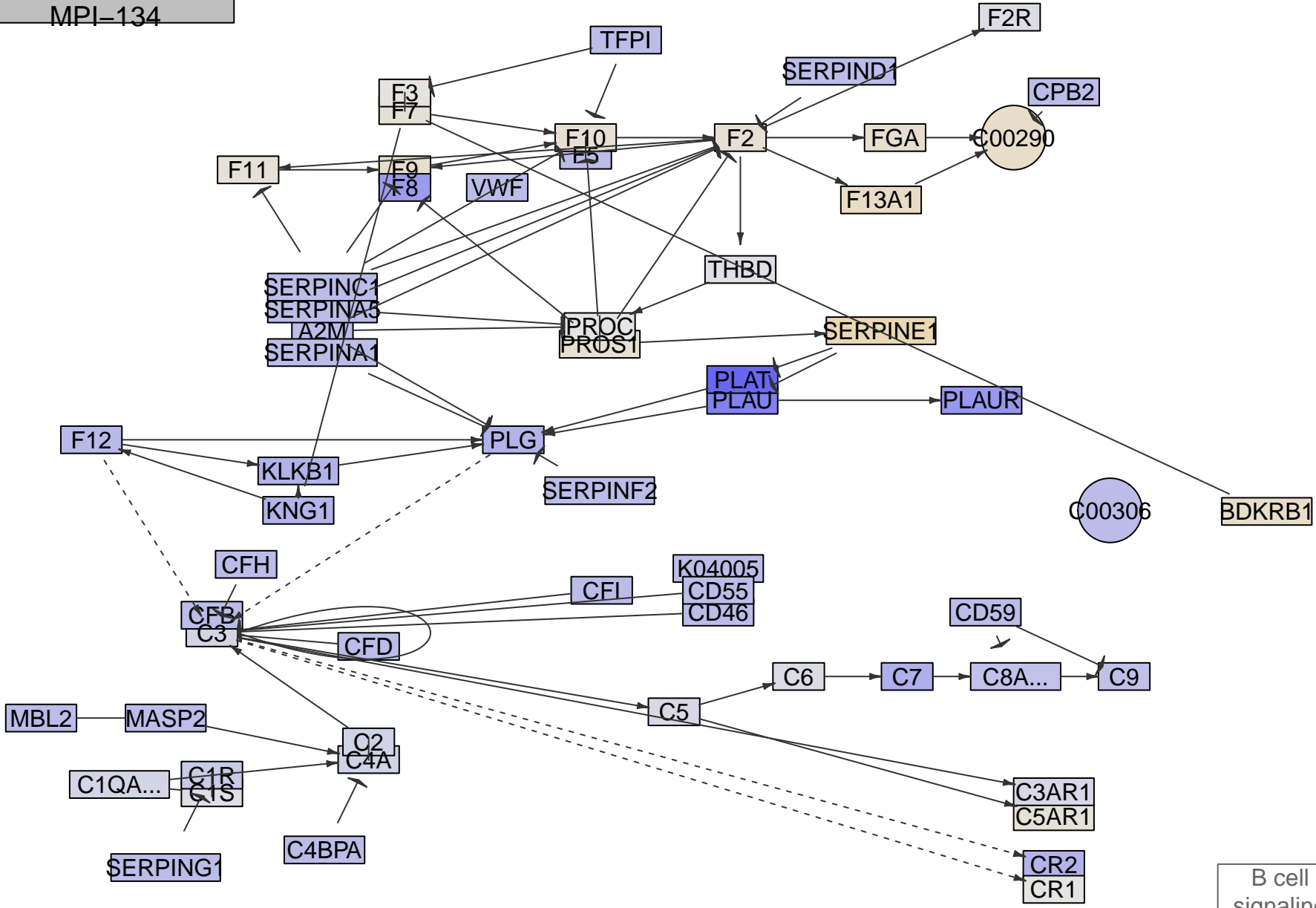
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-133



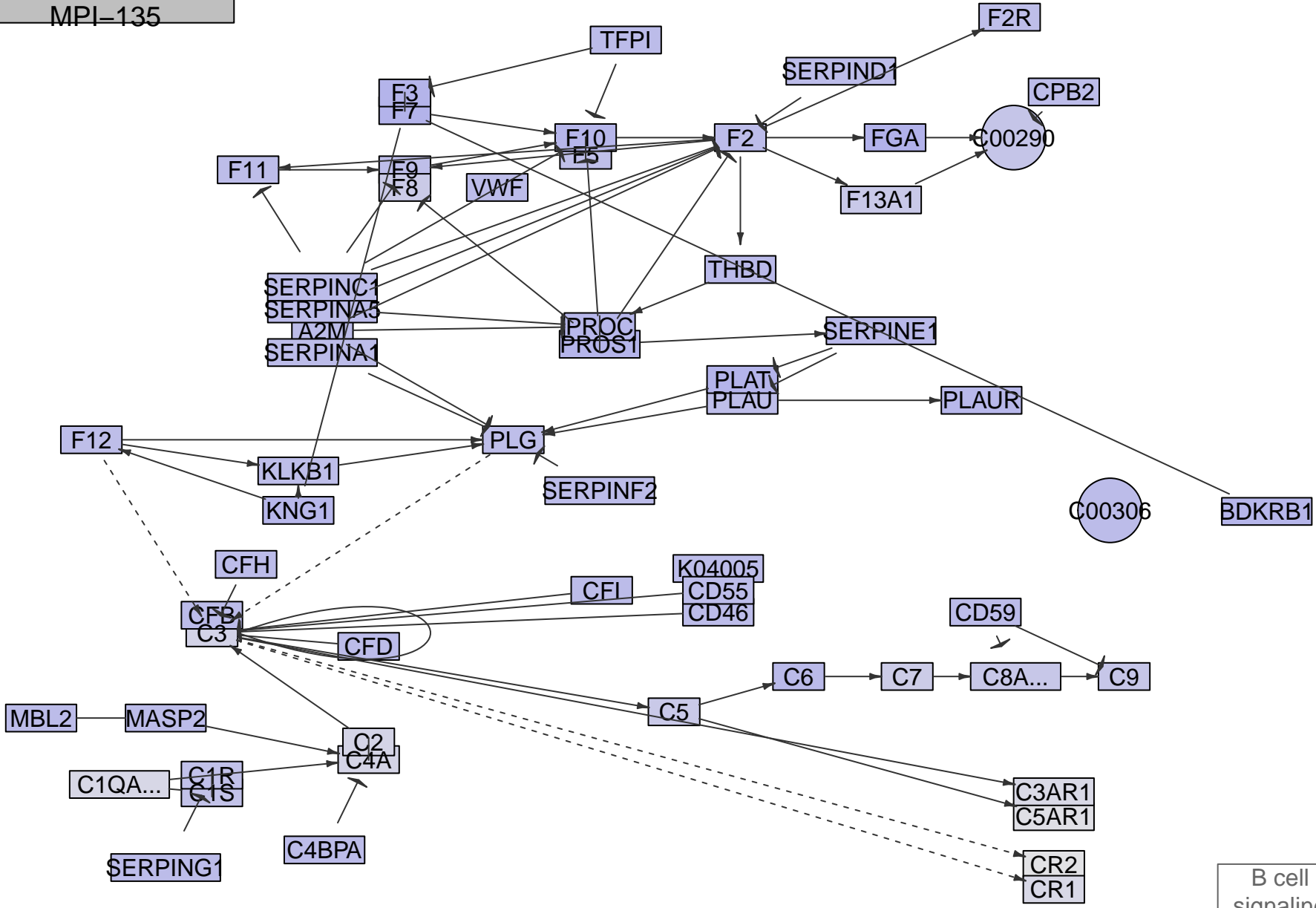
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-134



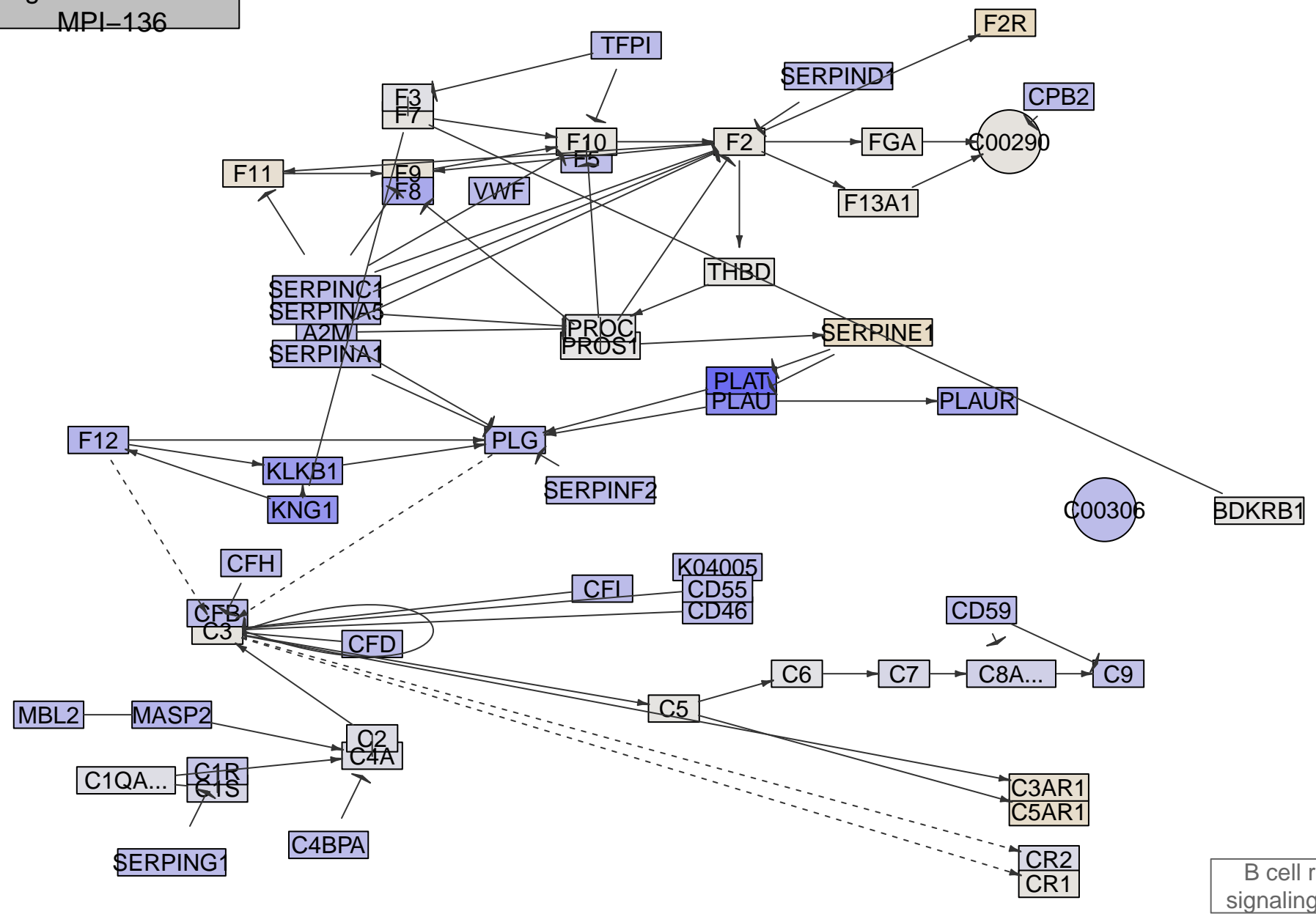
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-135



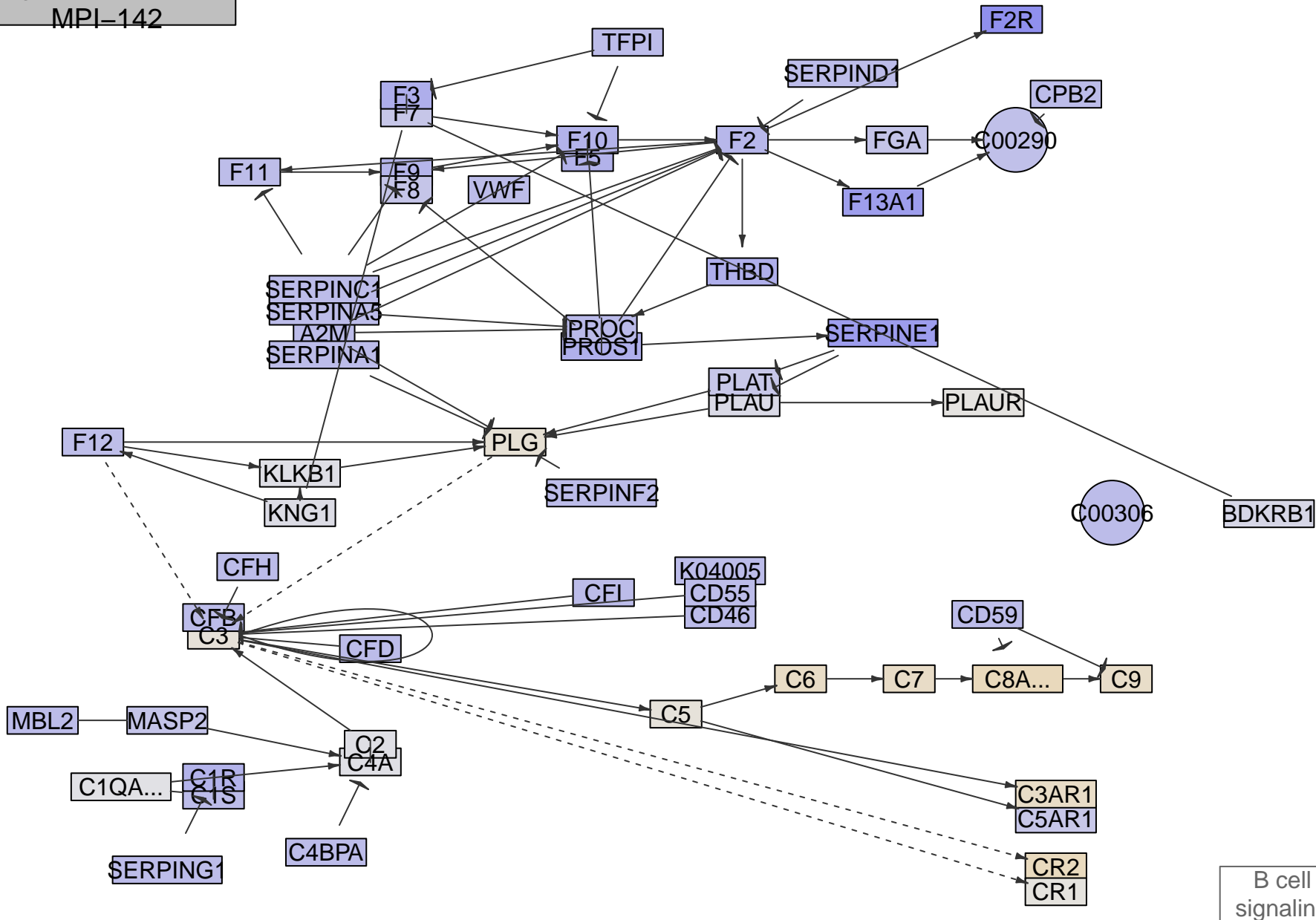
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-136

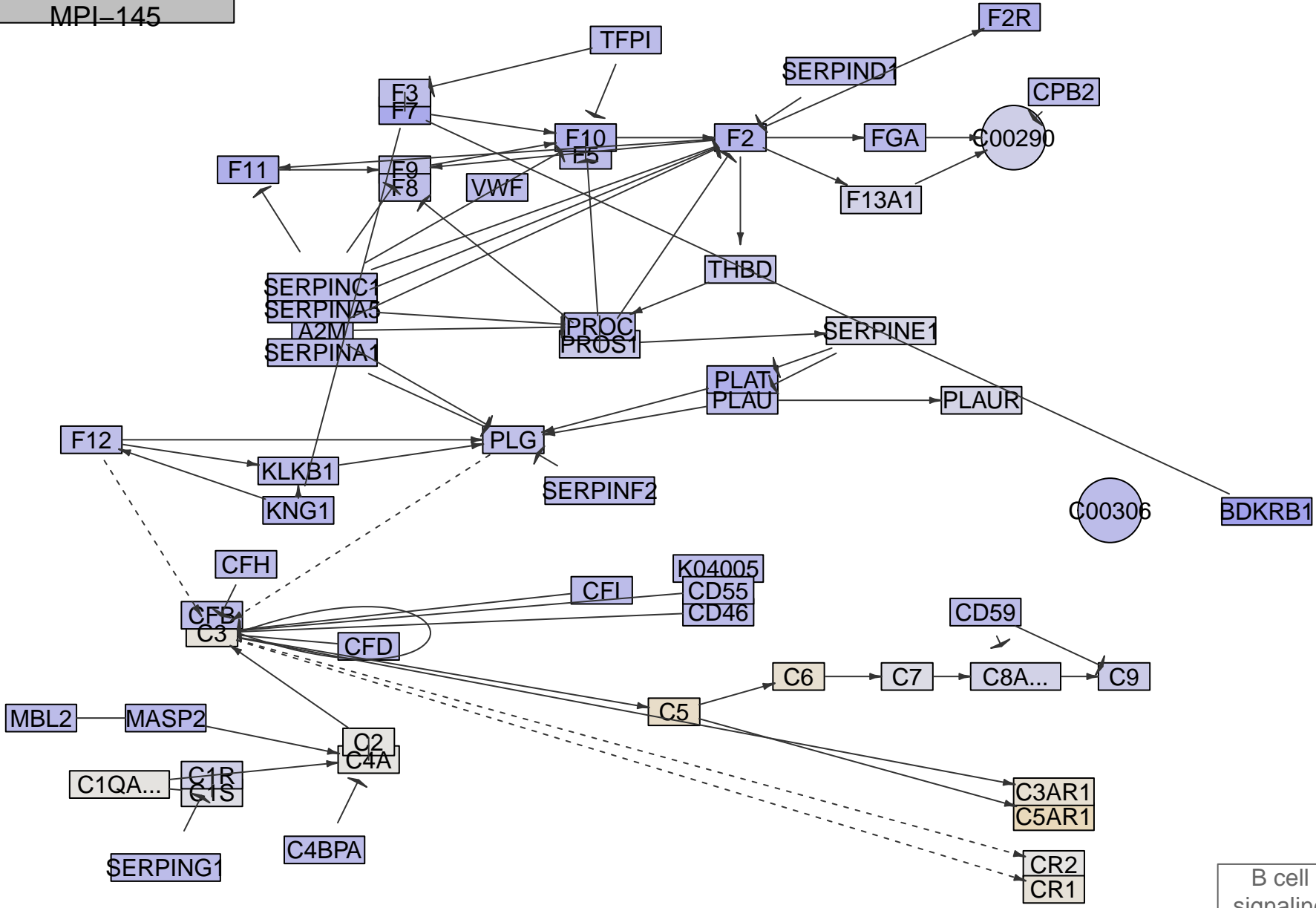


B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-142

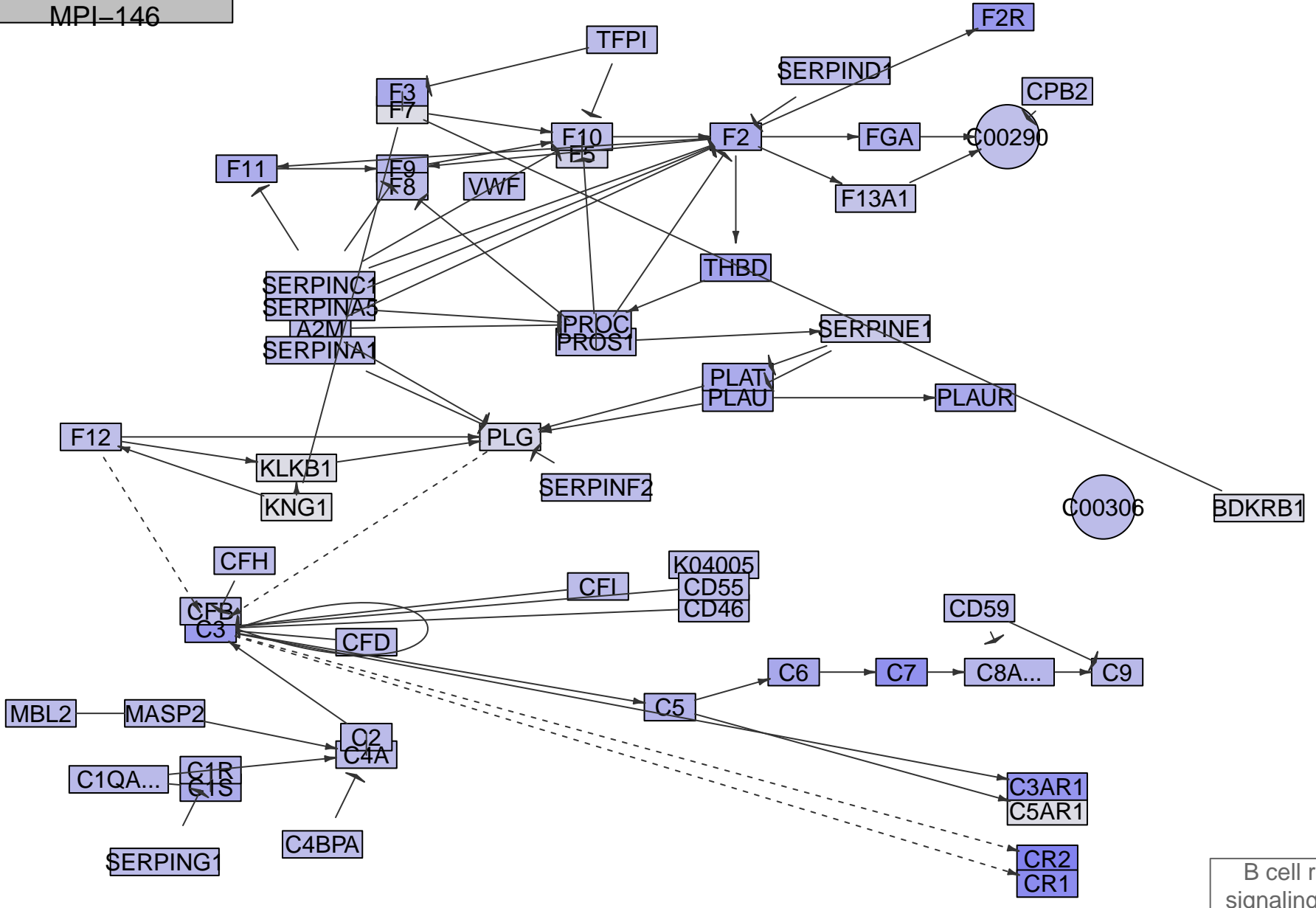


Complement and coagulation cascades
MPI-145



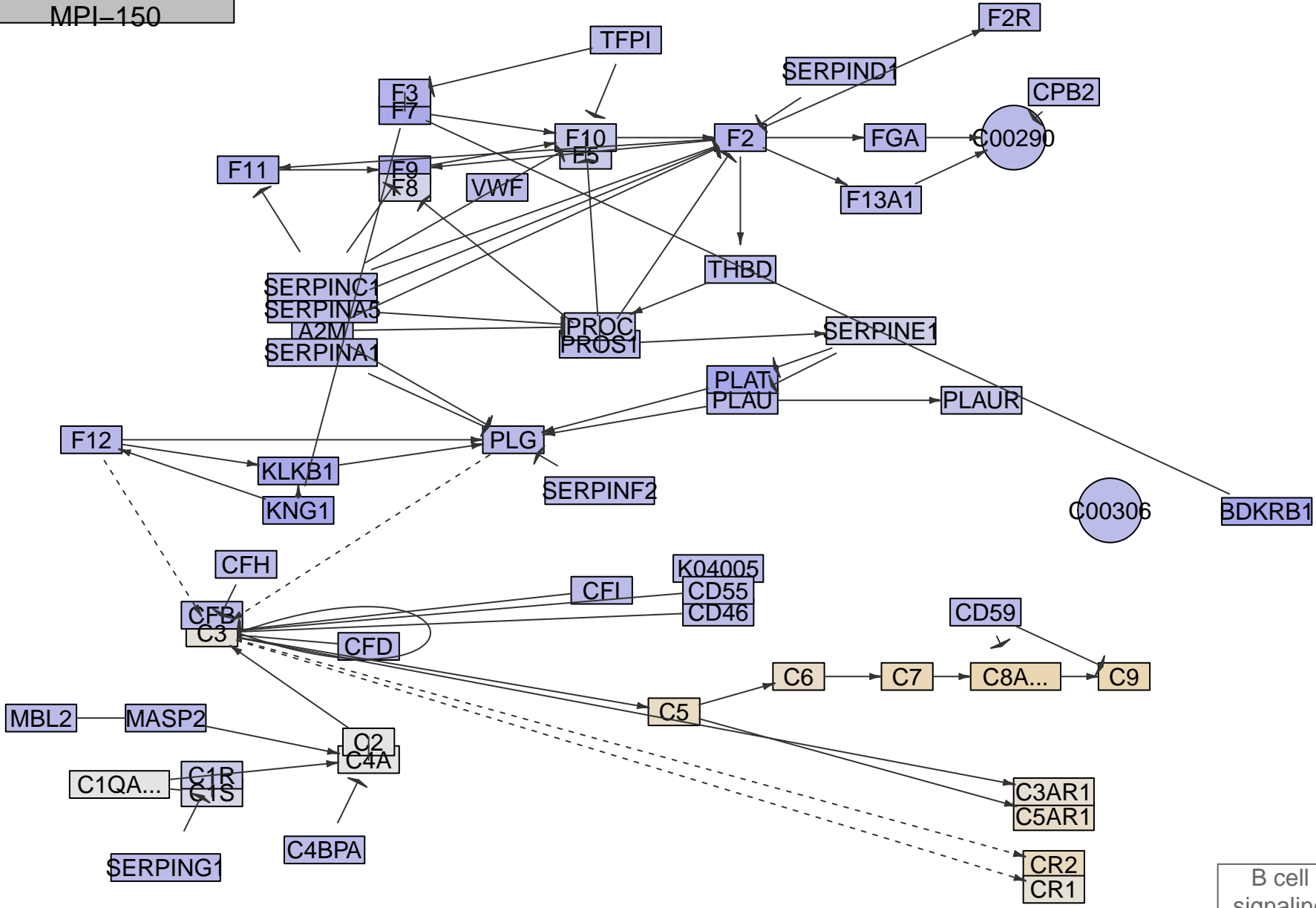
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-146



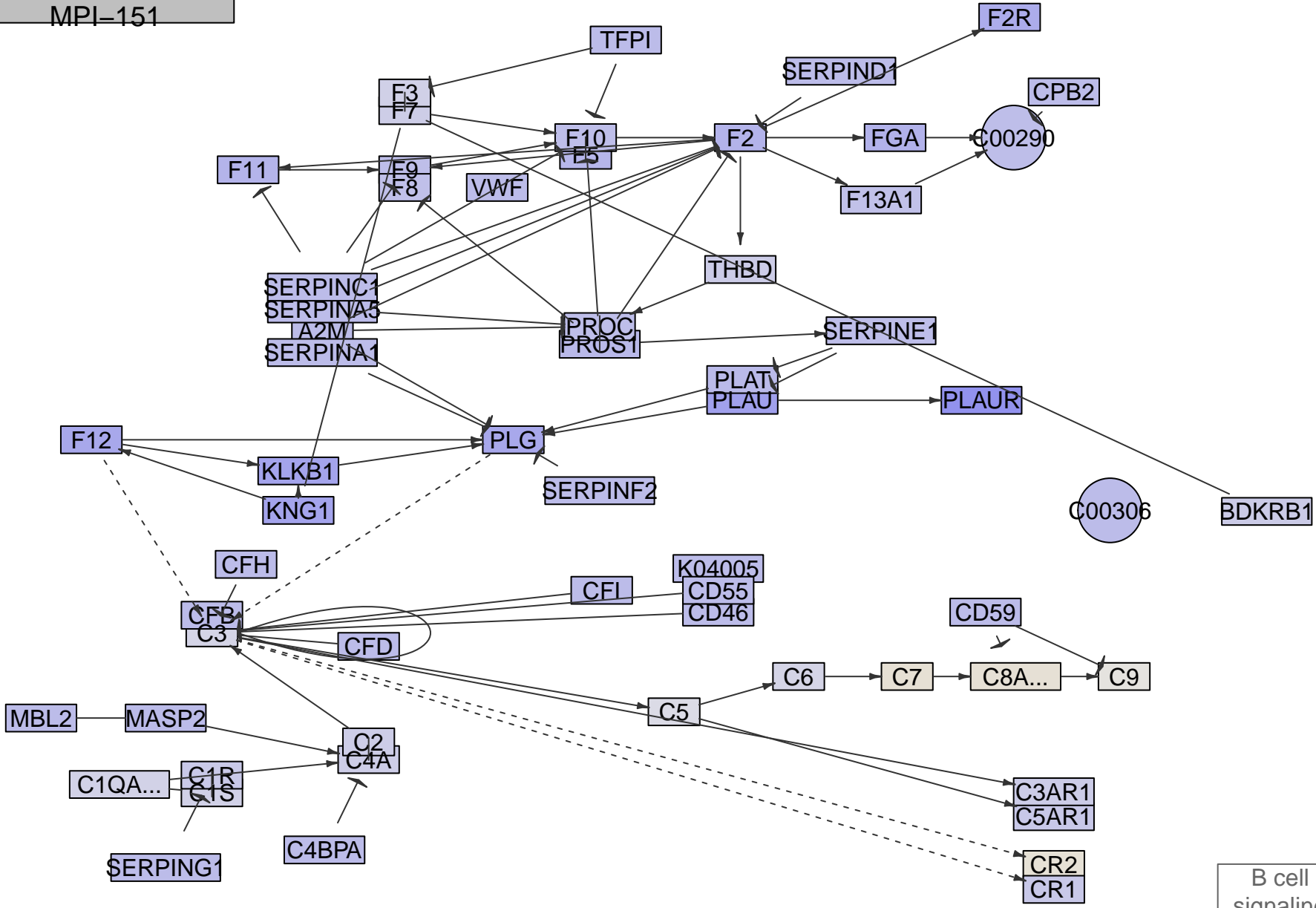
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-150

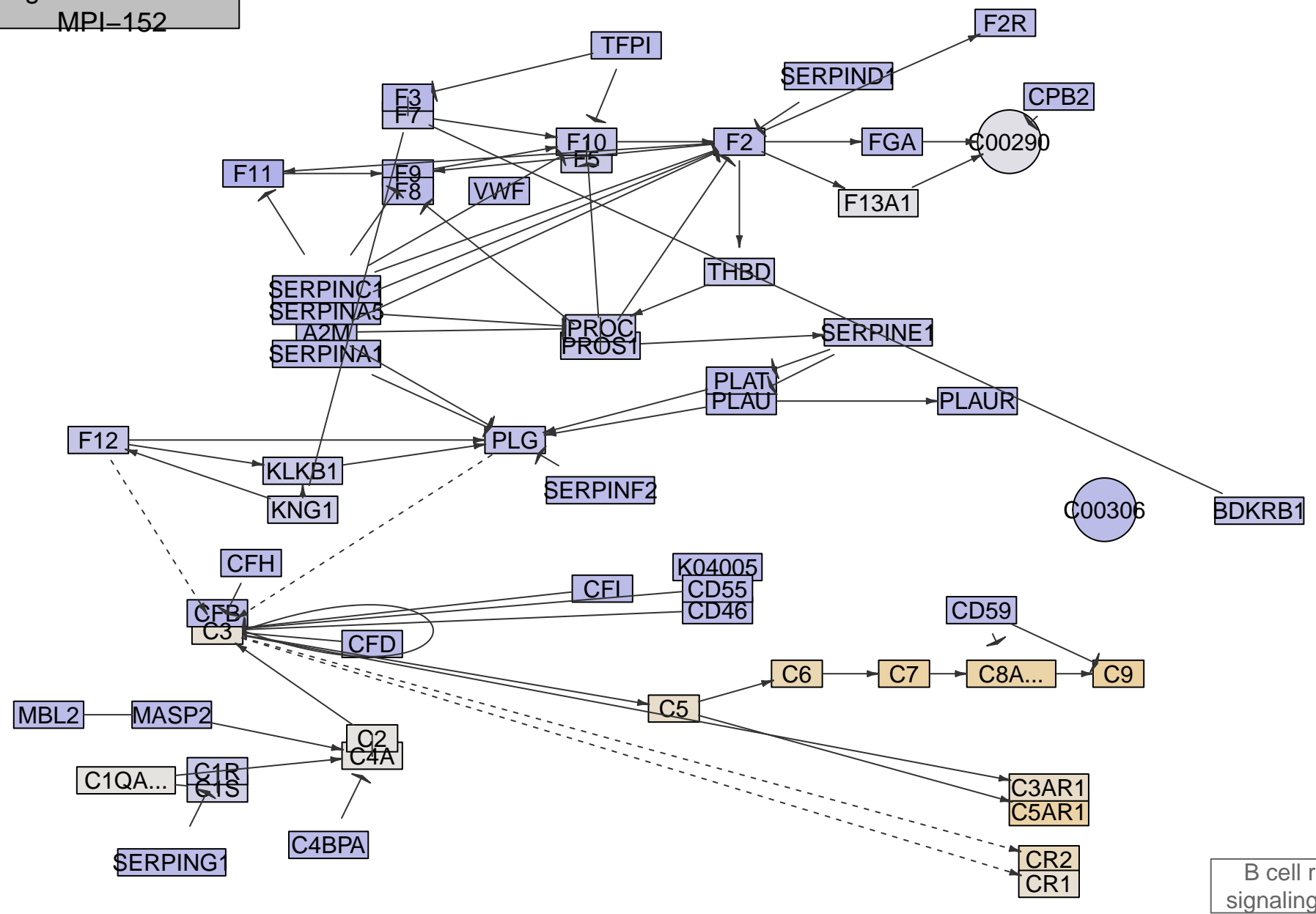


B cell receptor
signaling pathway

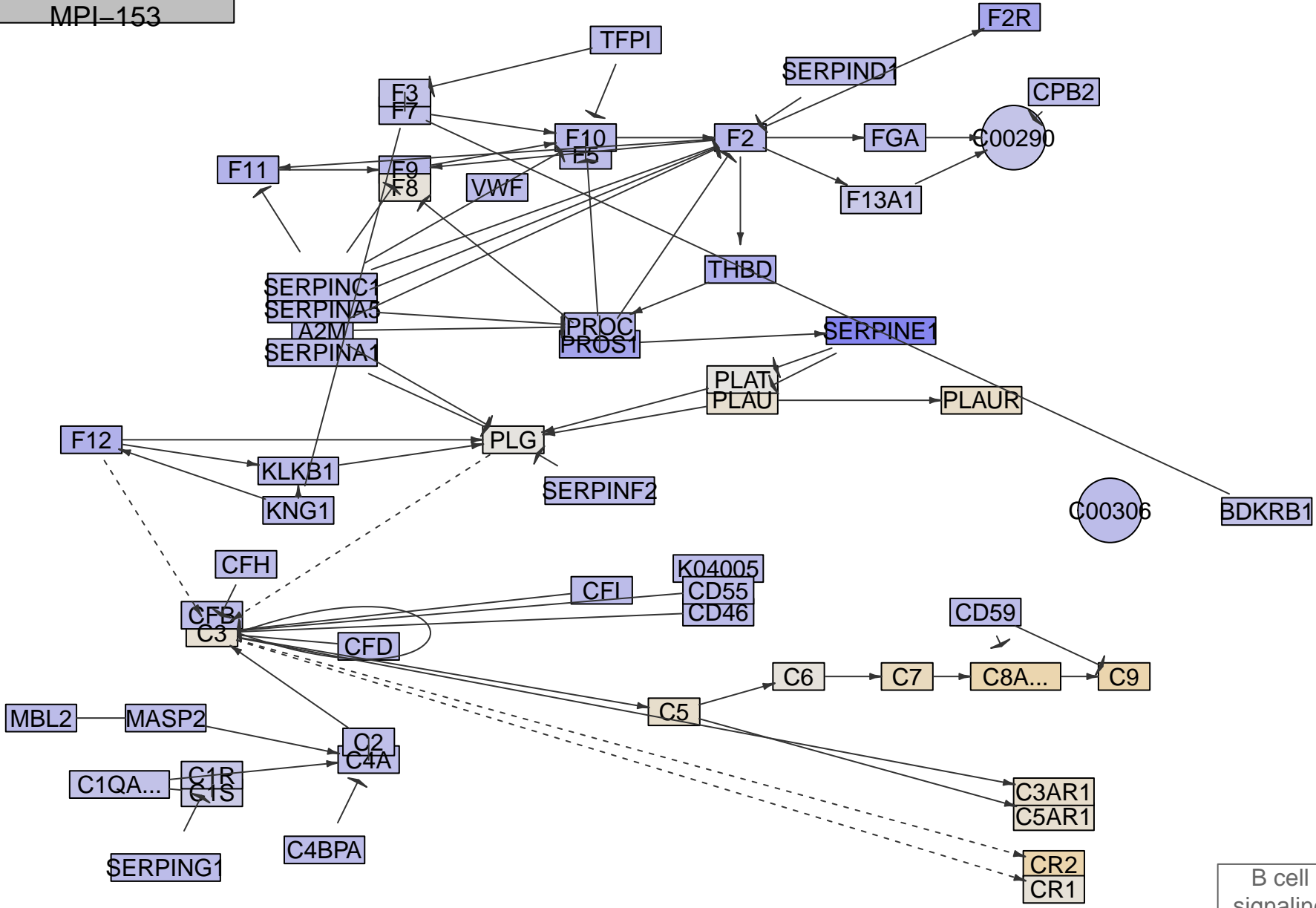
Complement and coagulation cascades
MPI-151



Complement and
coagulation cascades
MPI-152

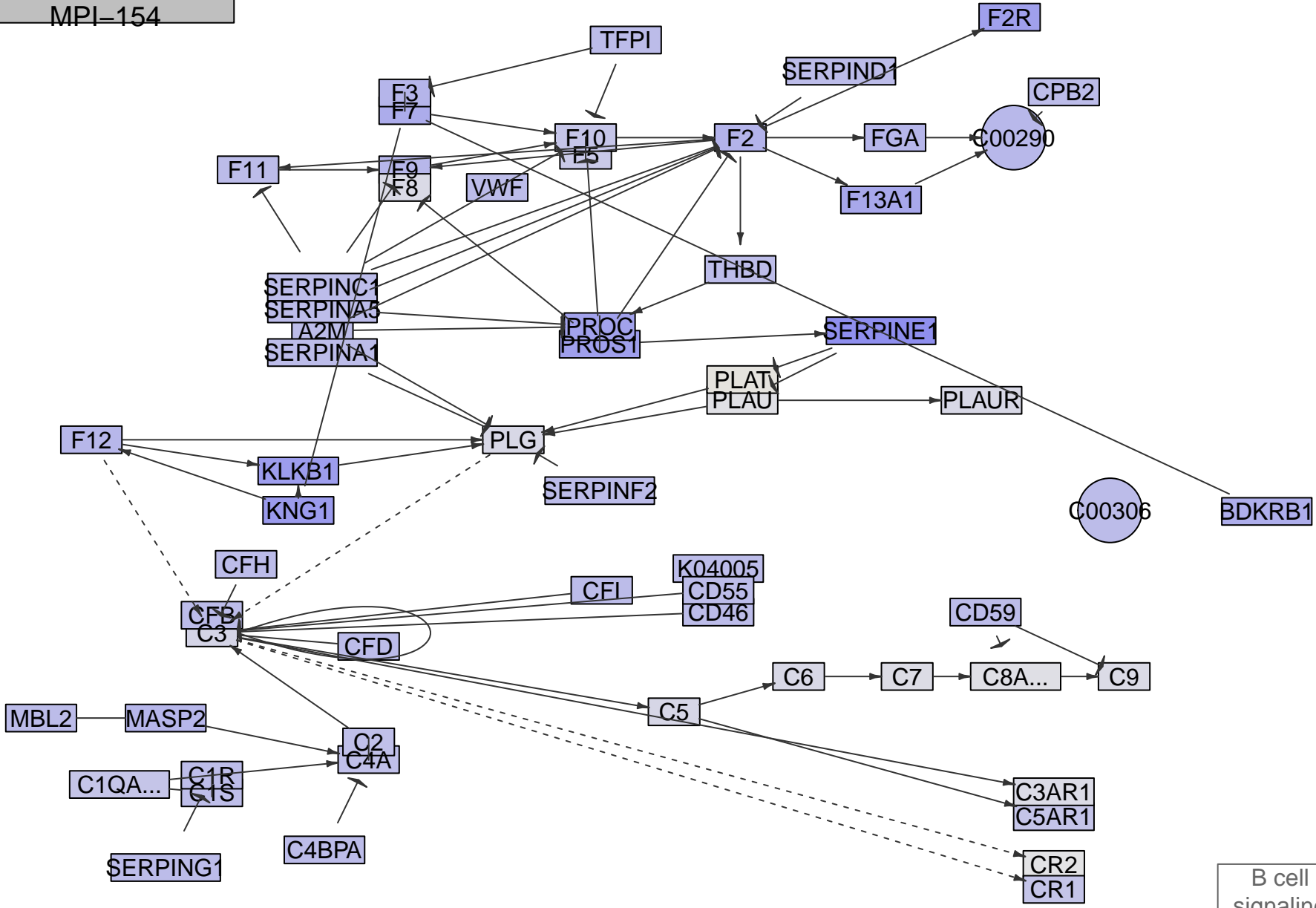


Complement and
coagulation cascades
MPI-153

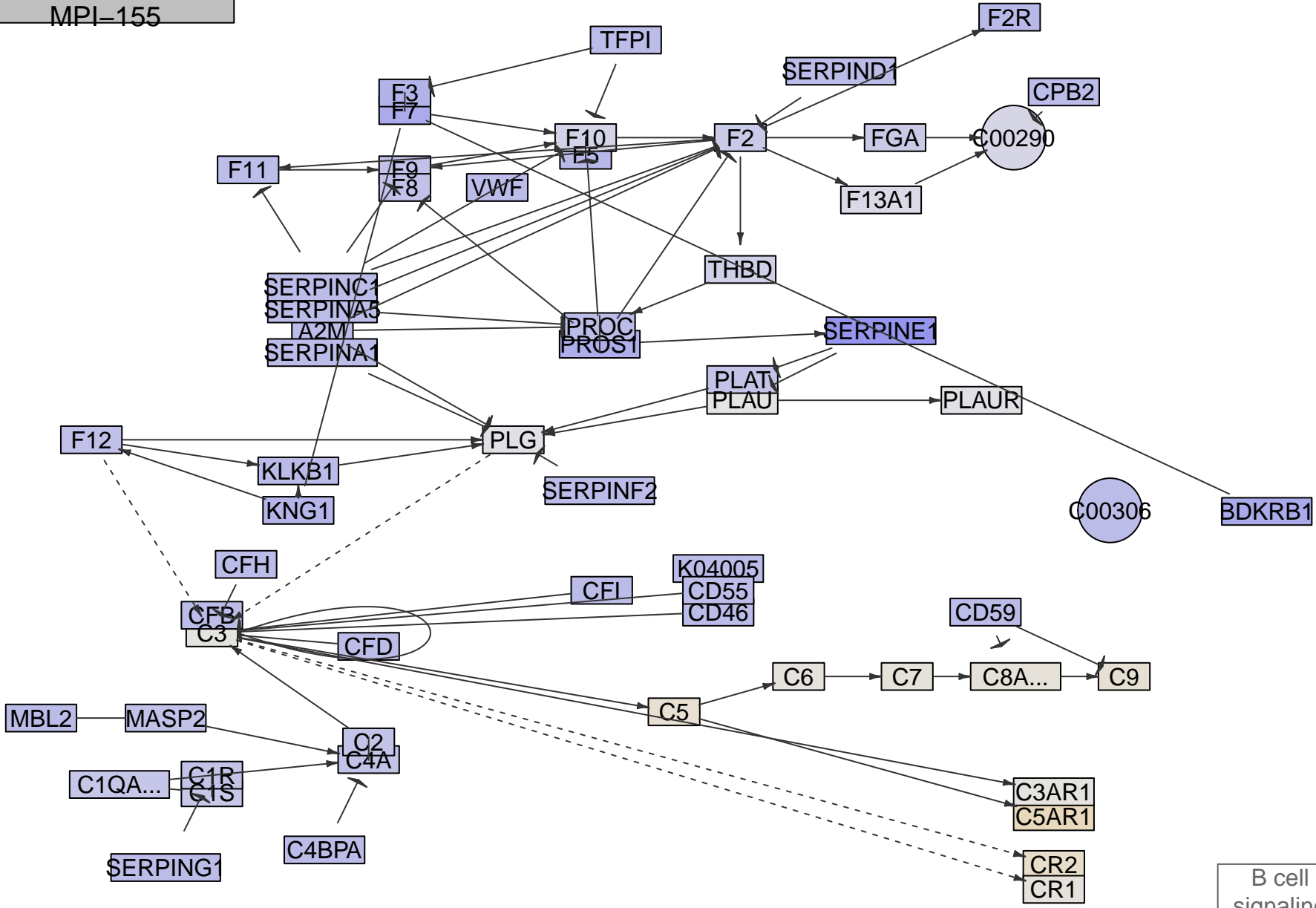


B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-154

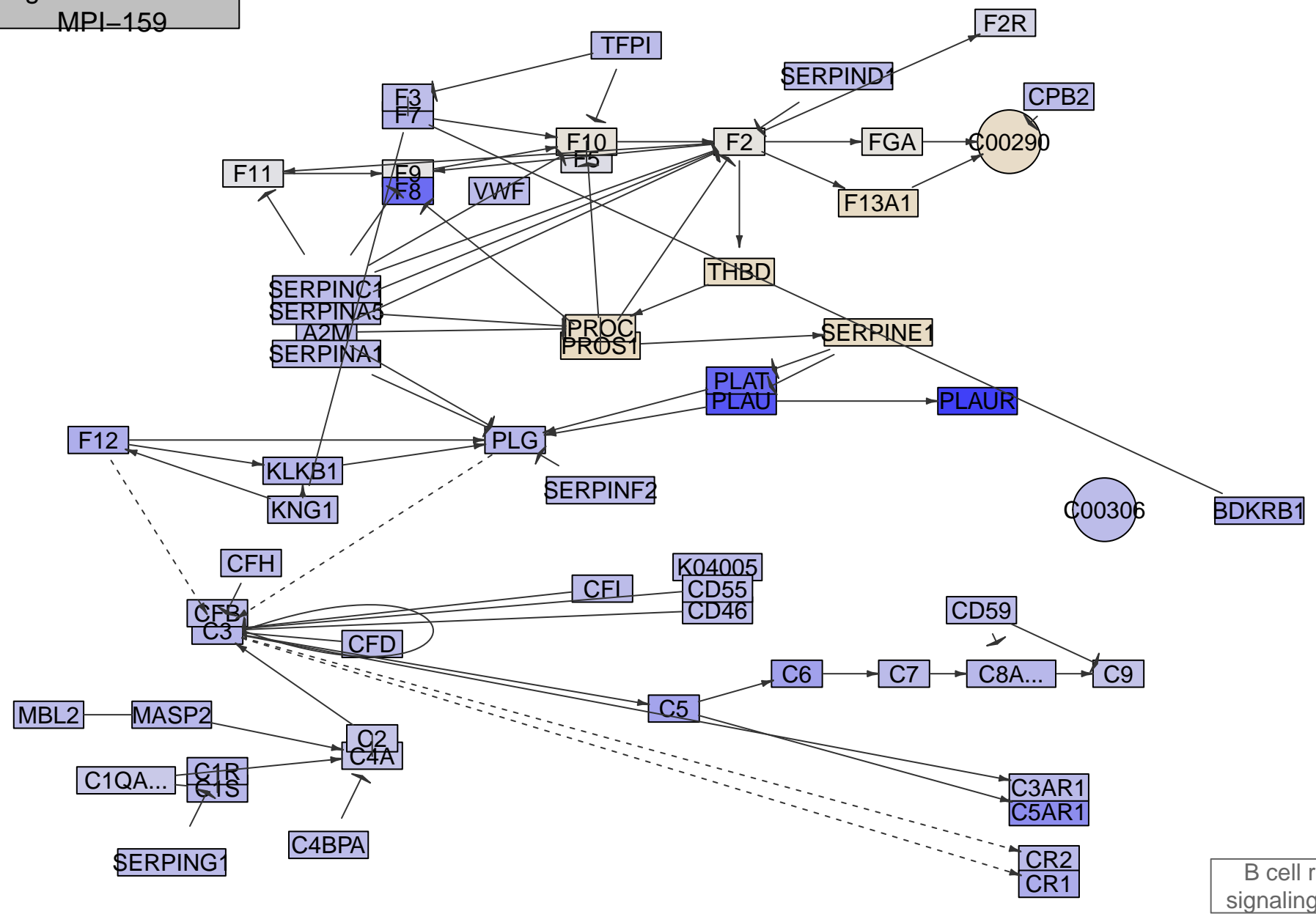


Complement and coagulation cascades
MPI-155

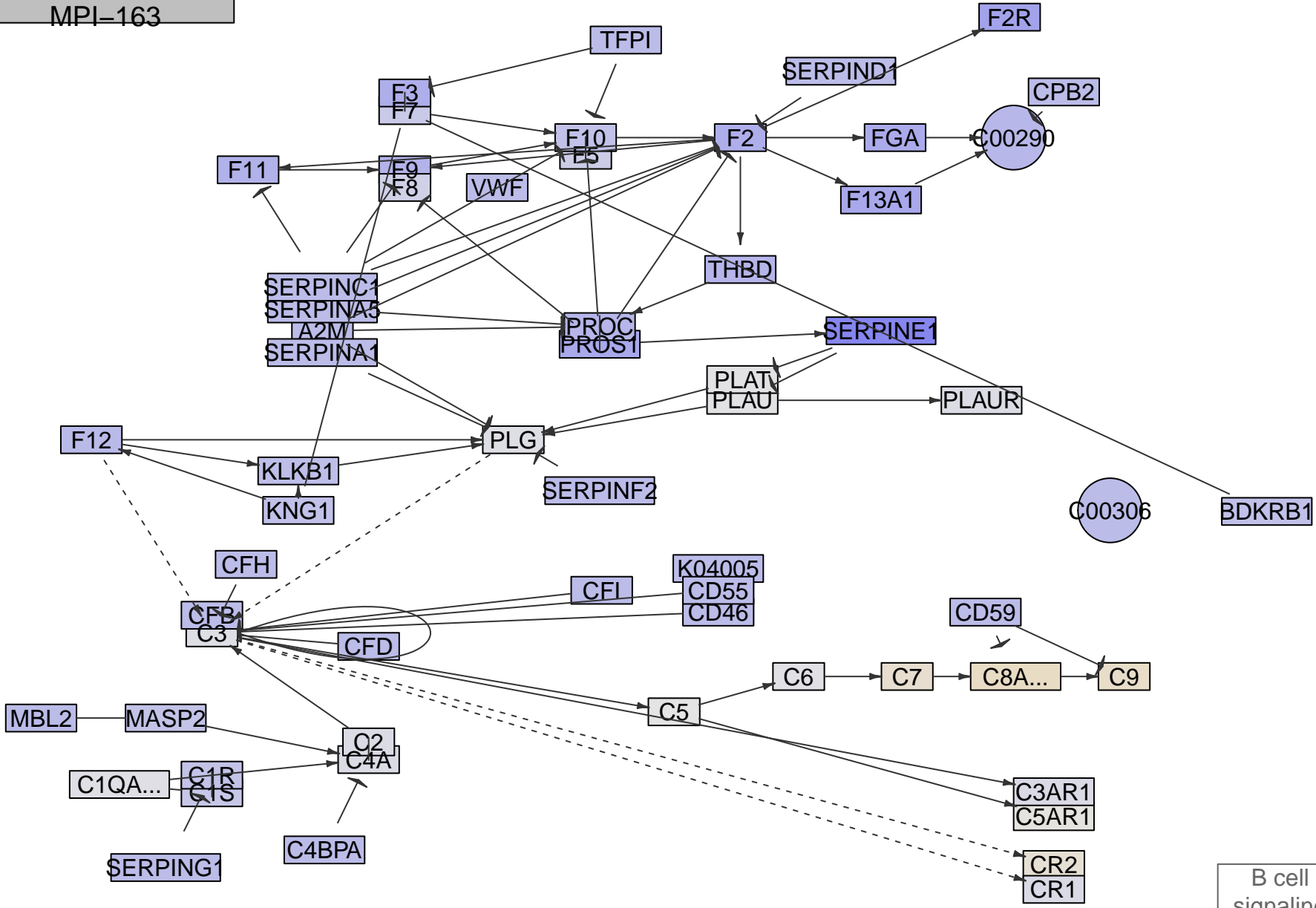


B cell receptor signaling pathway

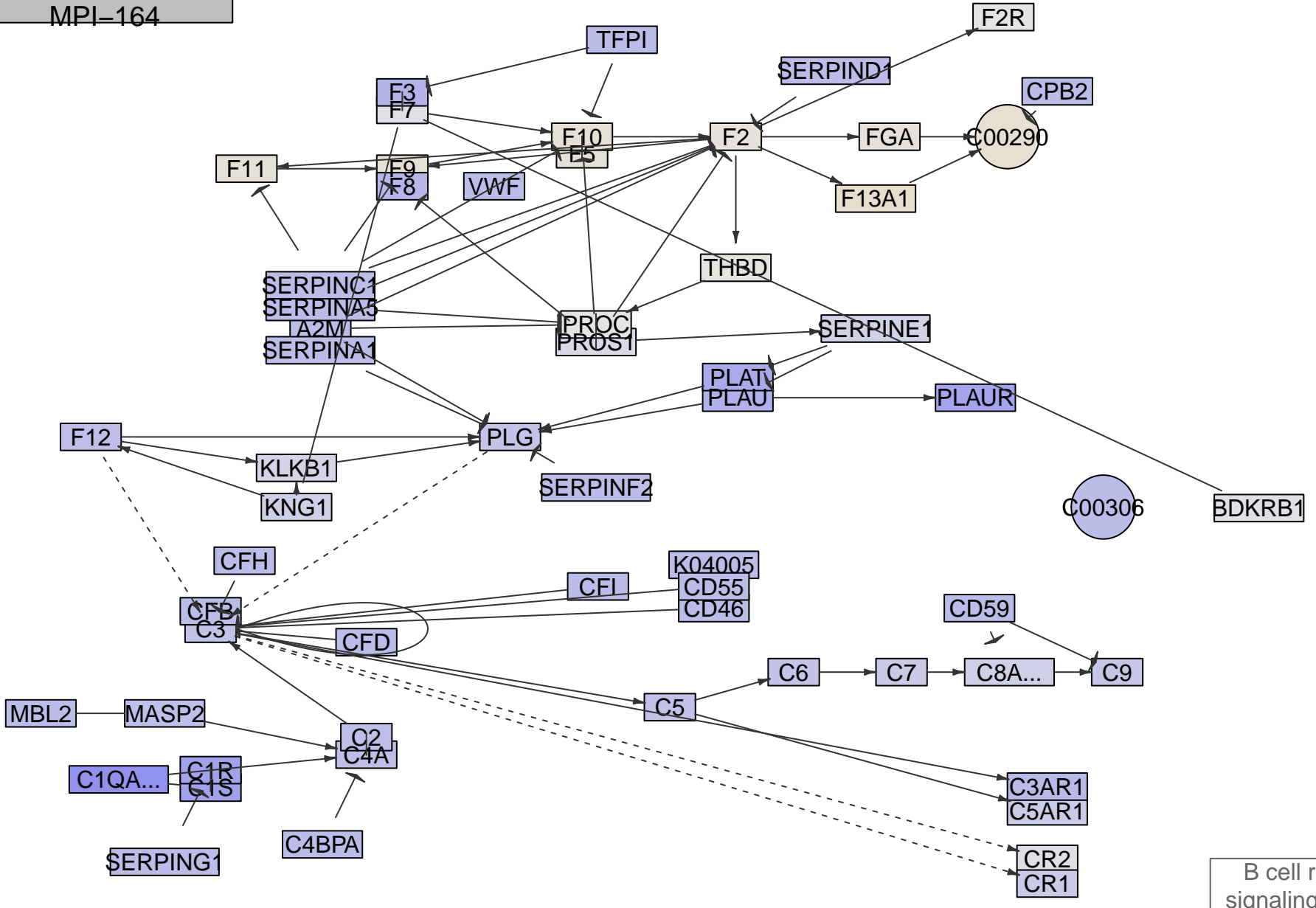
Complement and
coagulation cascades
MPI-159



Complement and coagulation cascades
MPI-163

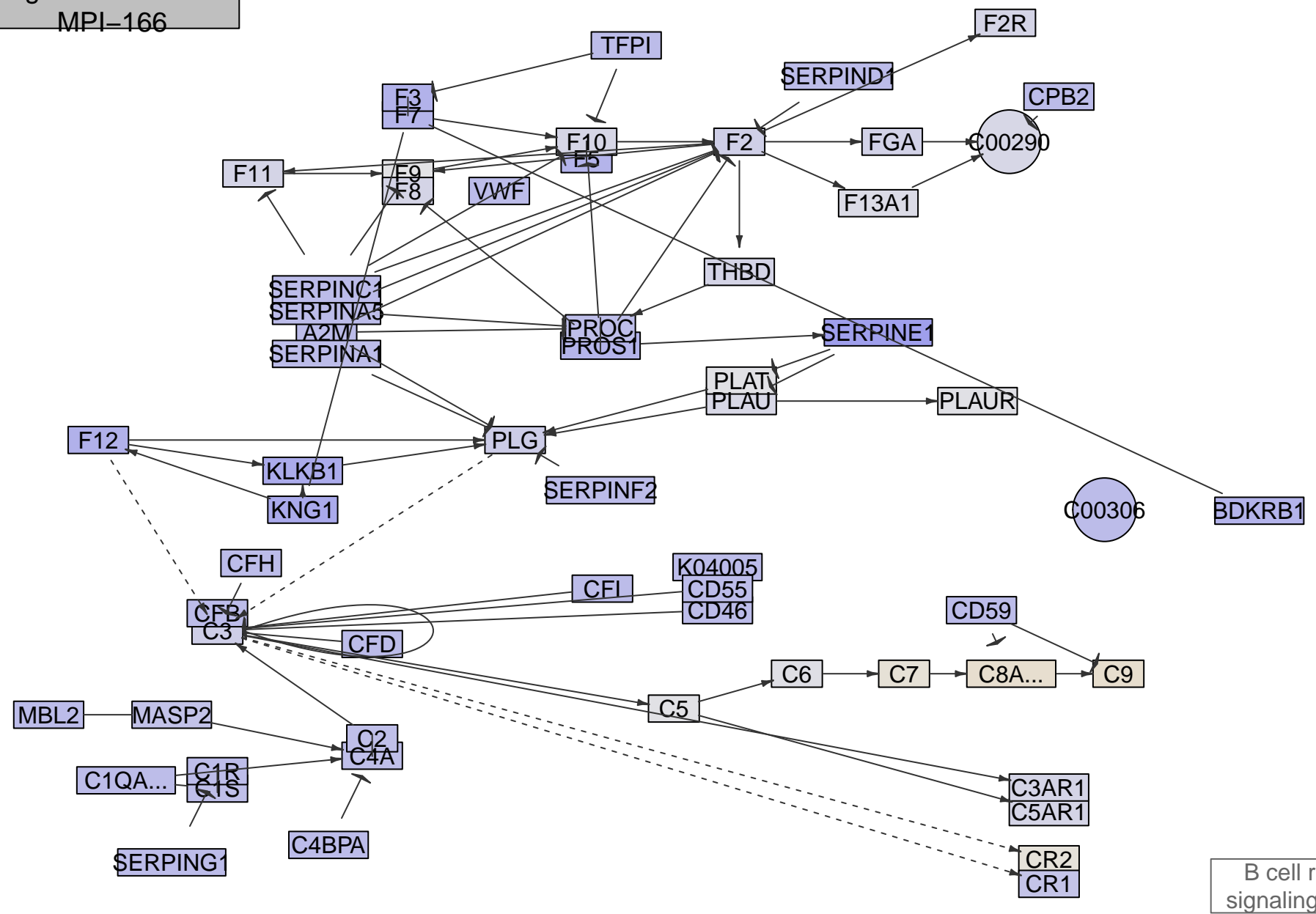


Complement and
coagulation cascades
MPI-164

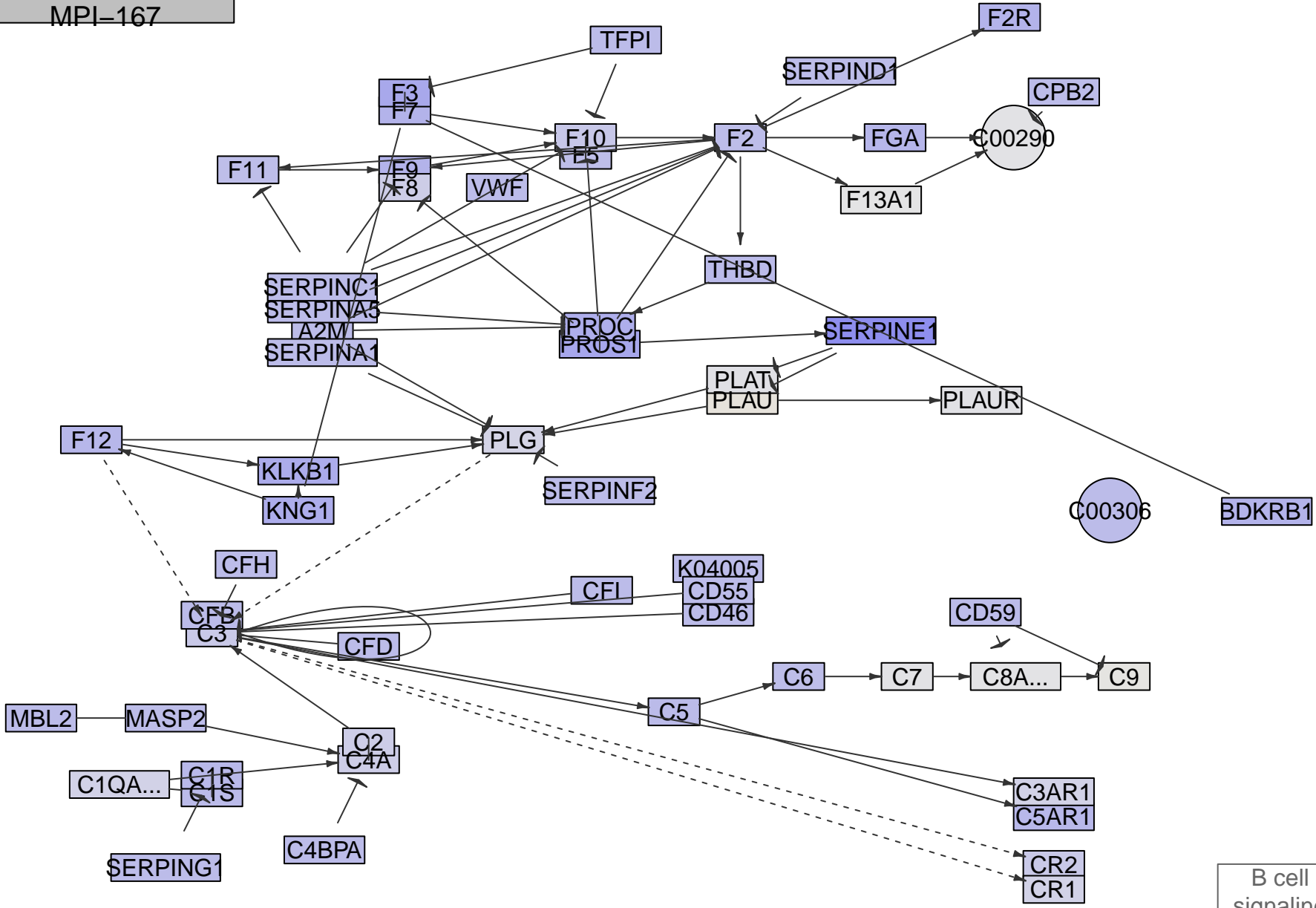


B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-166

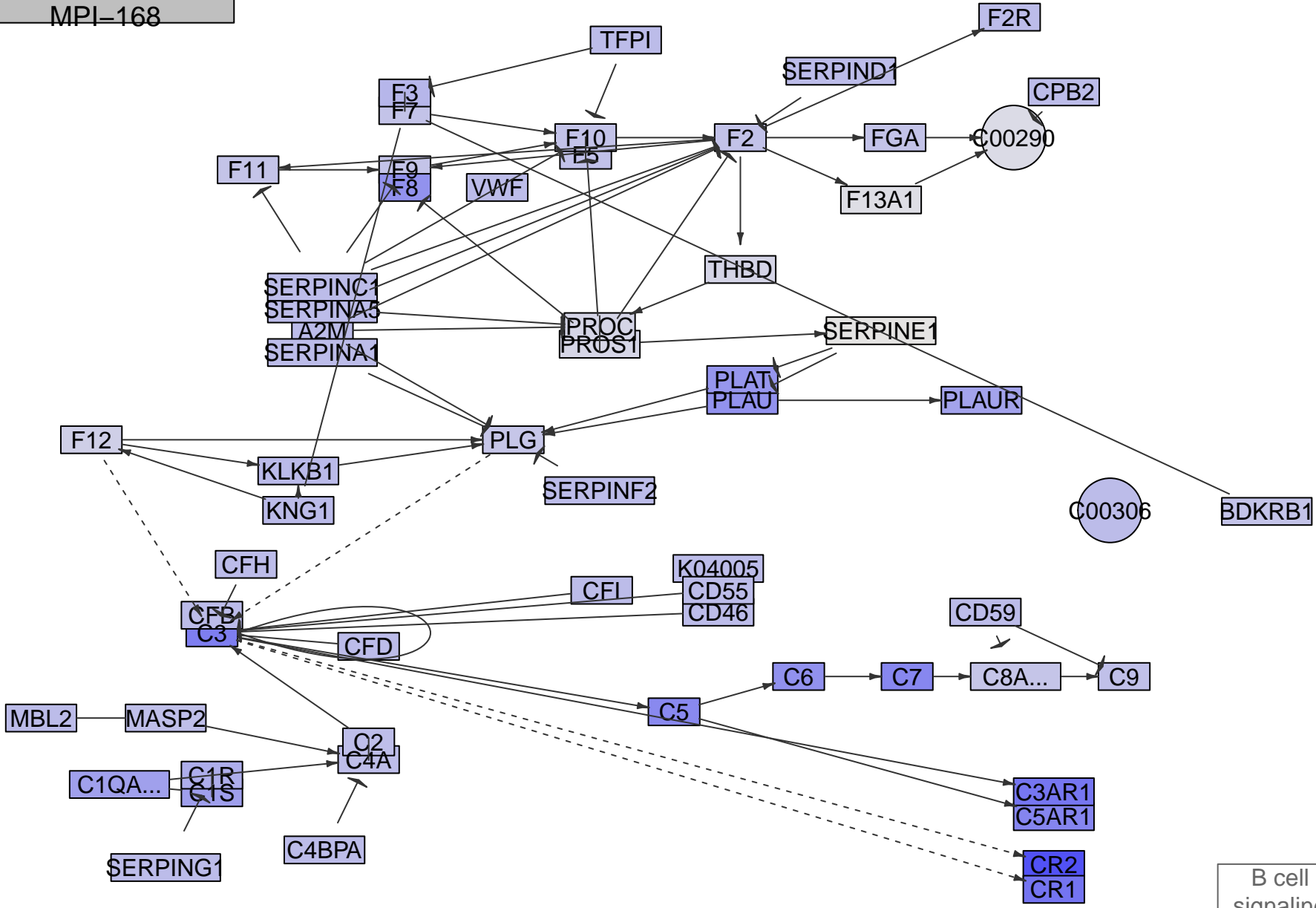


Complement and
coagulation cascades
MPI-167



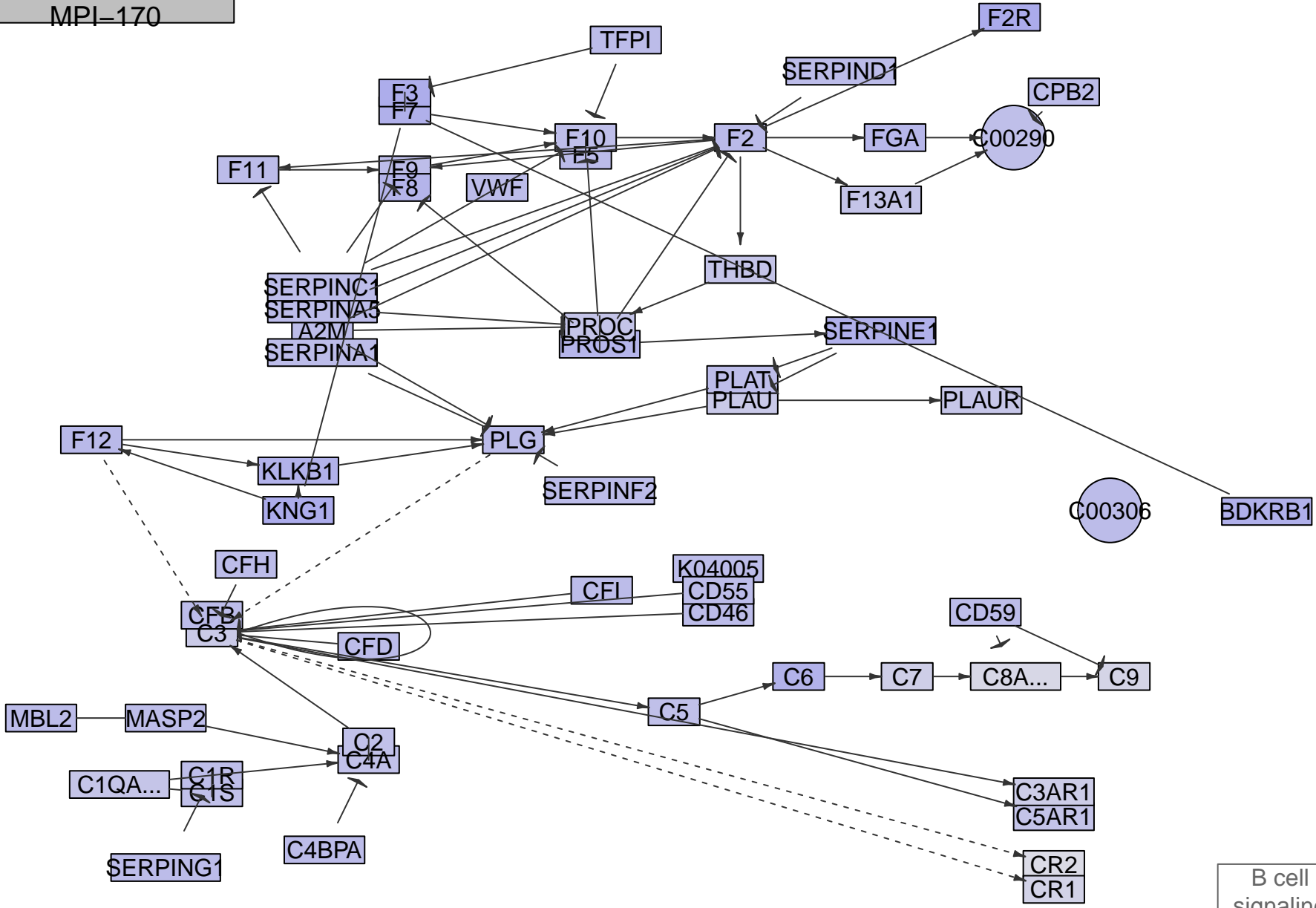
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-168



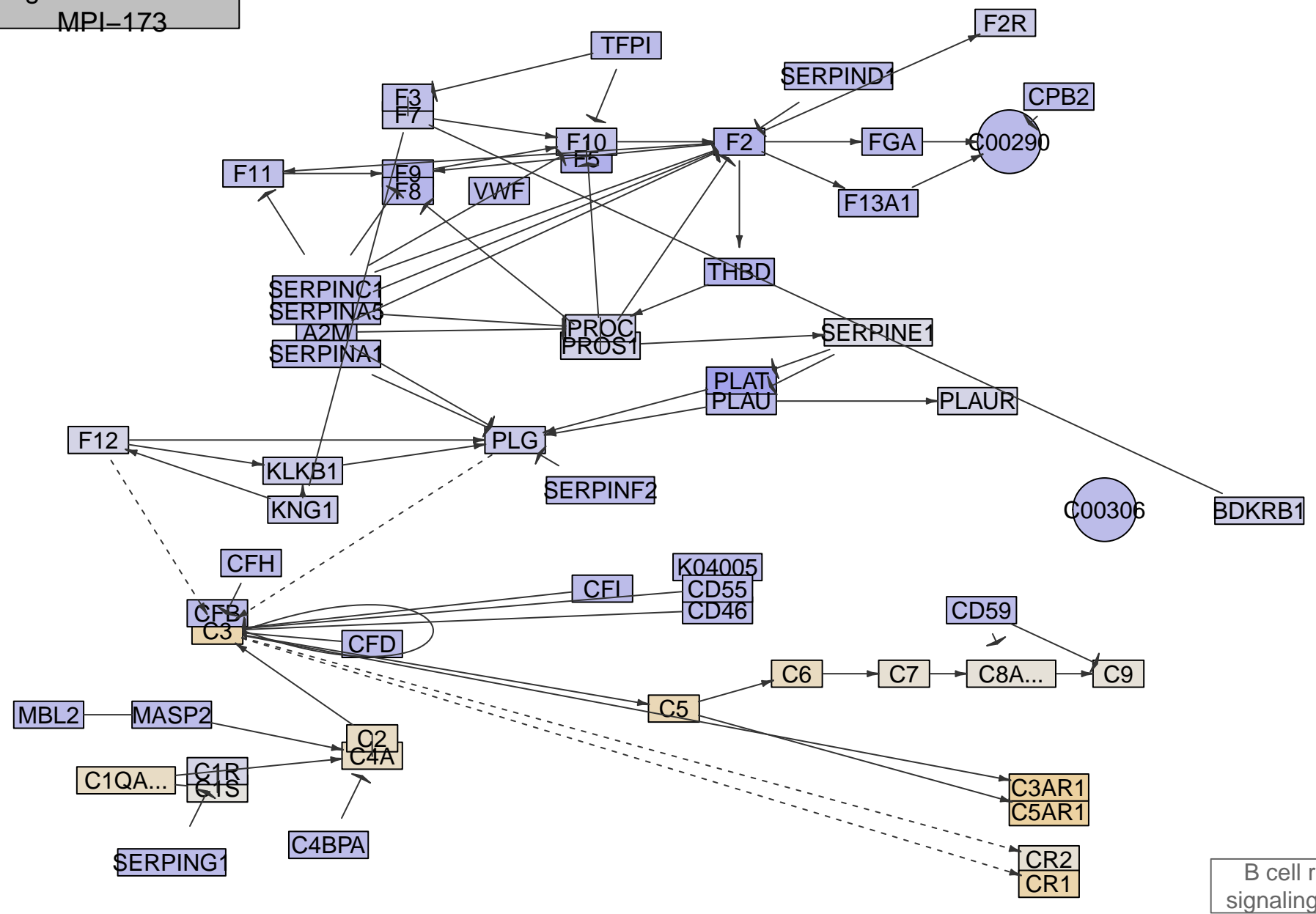
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-170



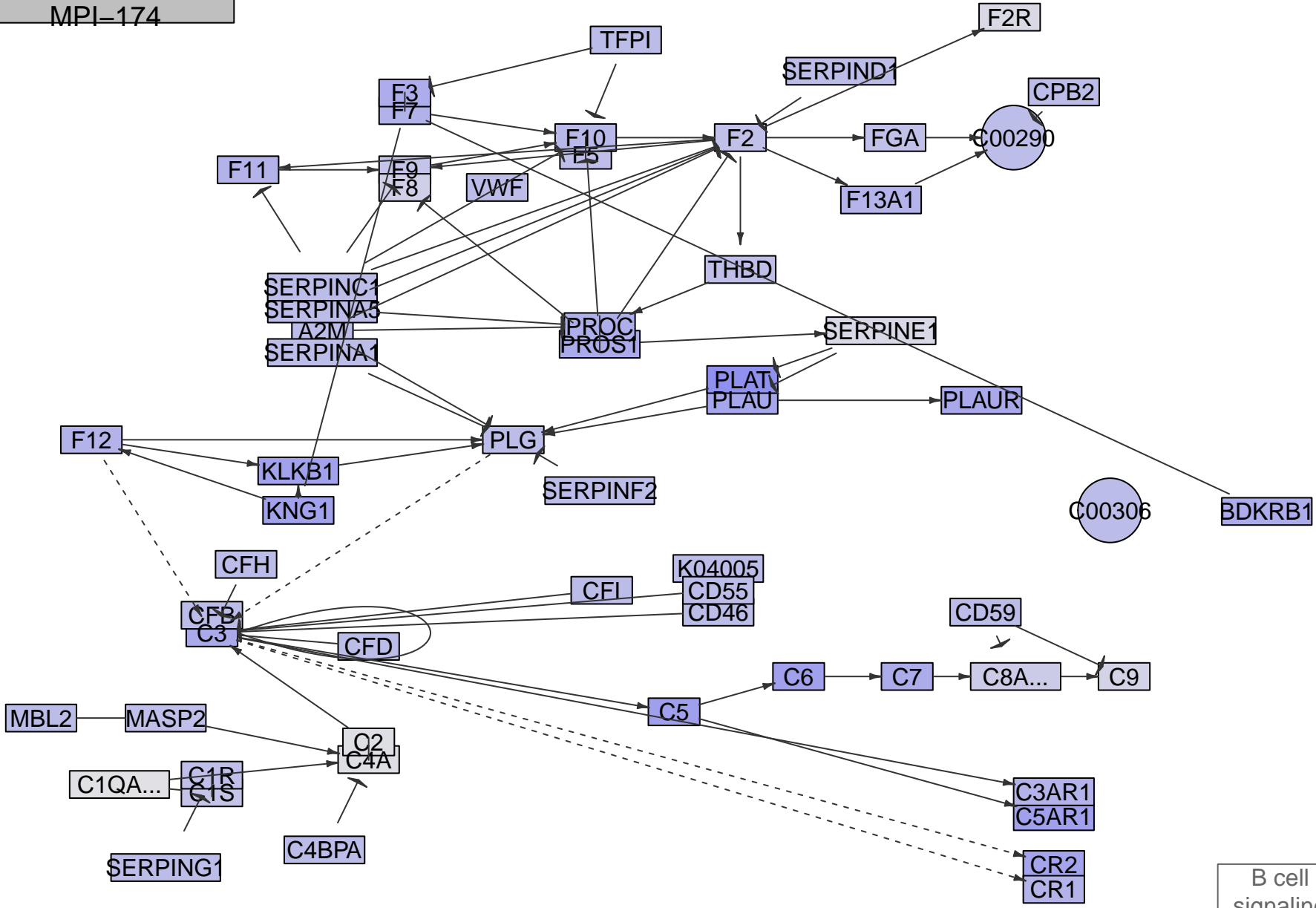
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-173



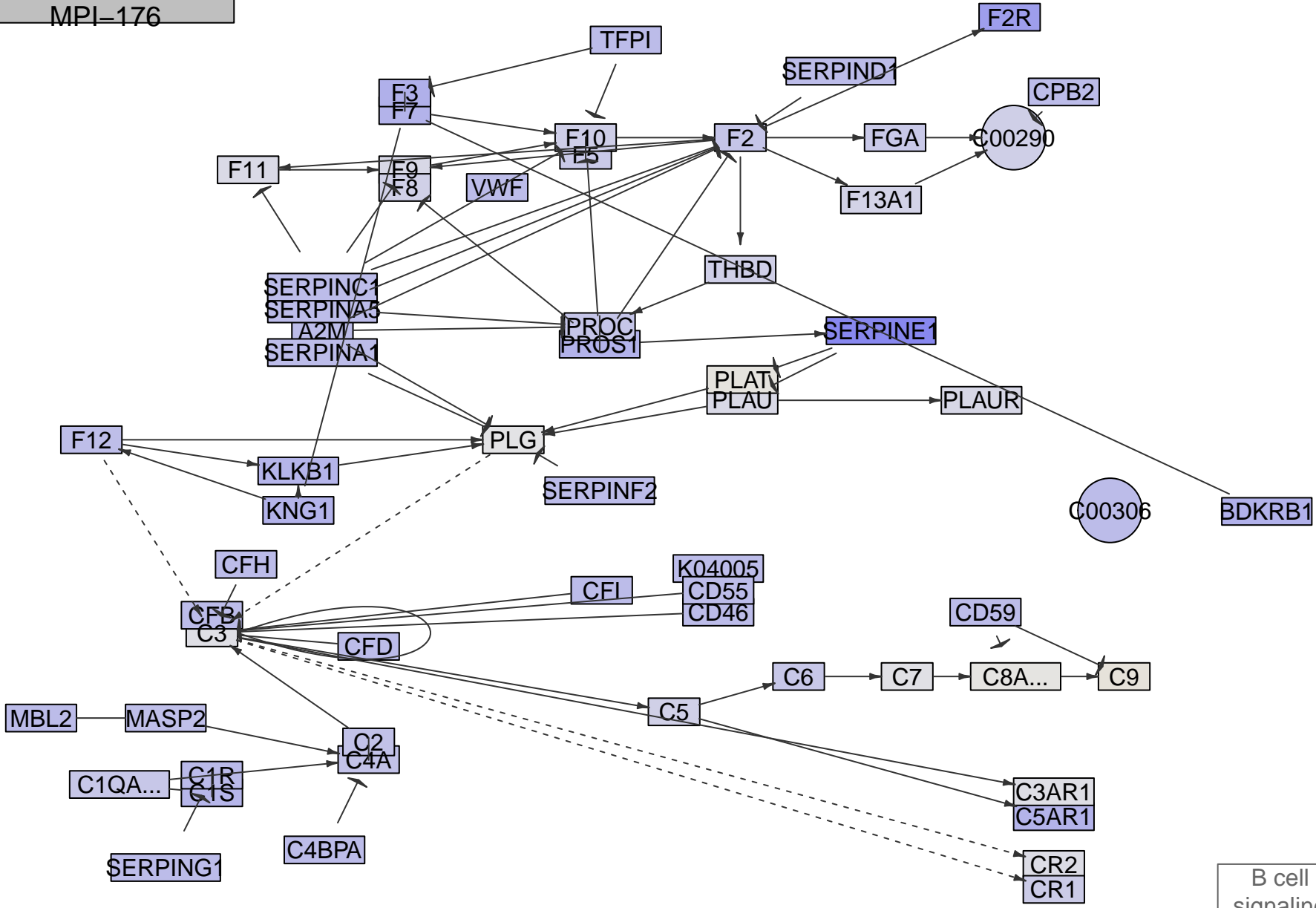
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-174



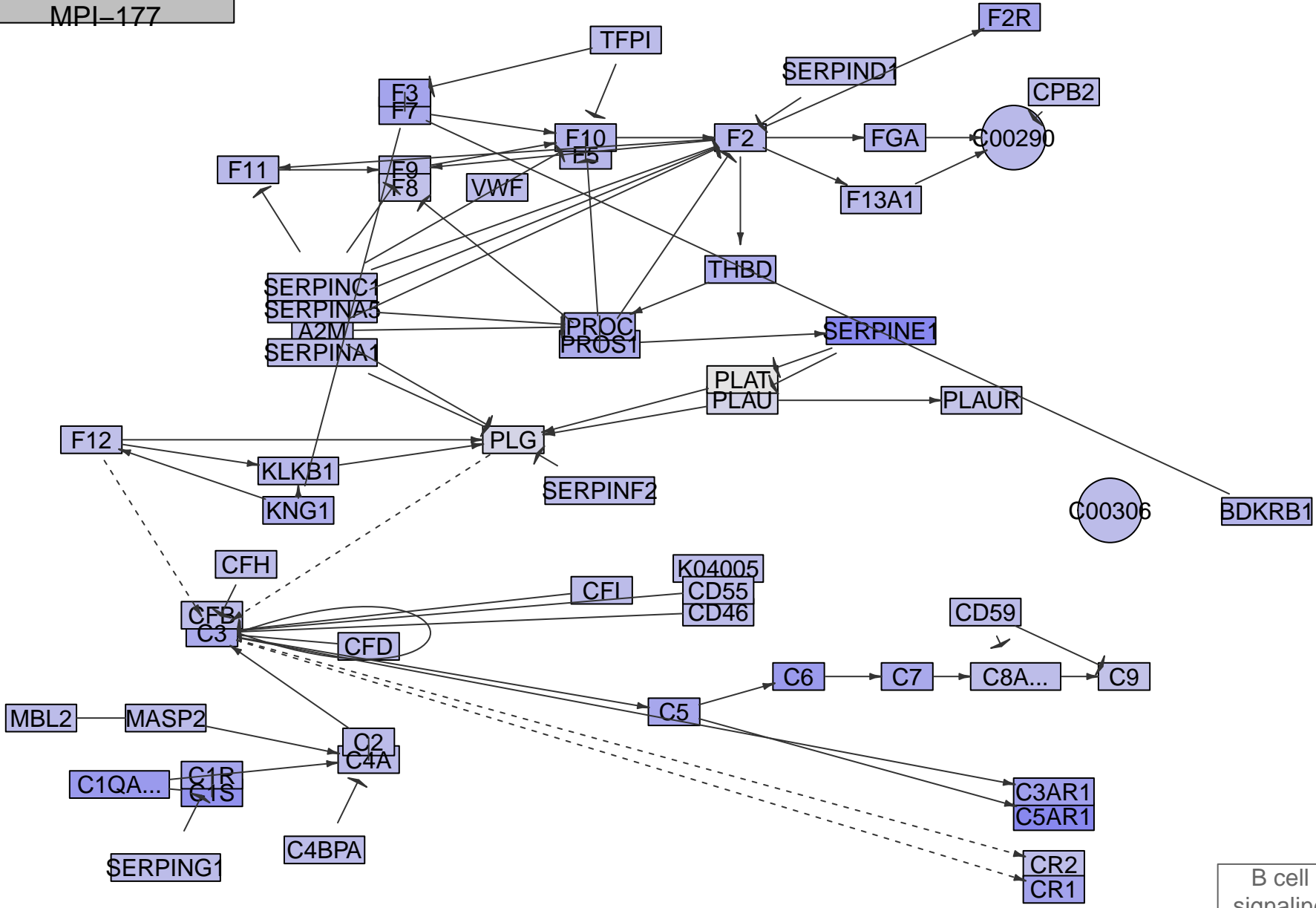
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-176



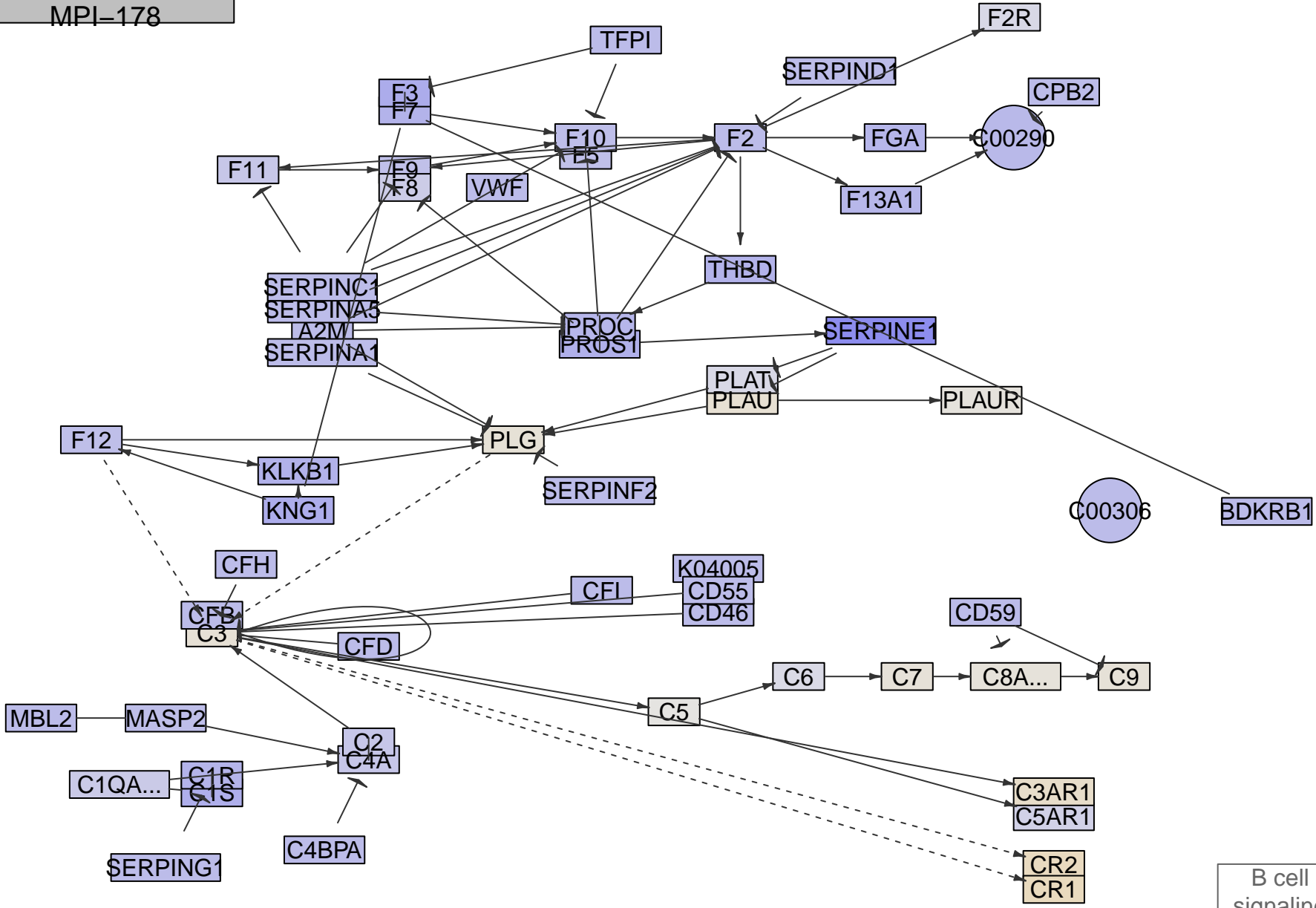
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-177



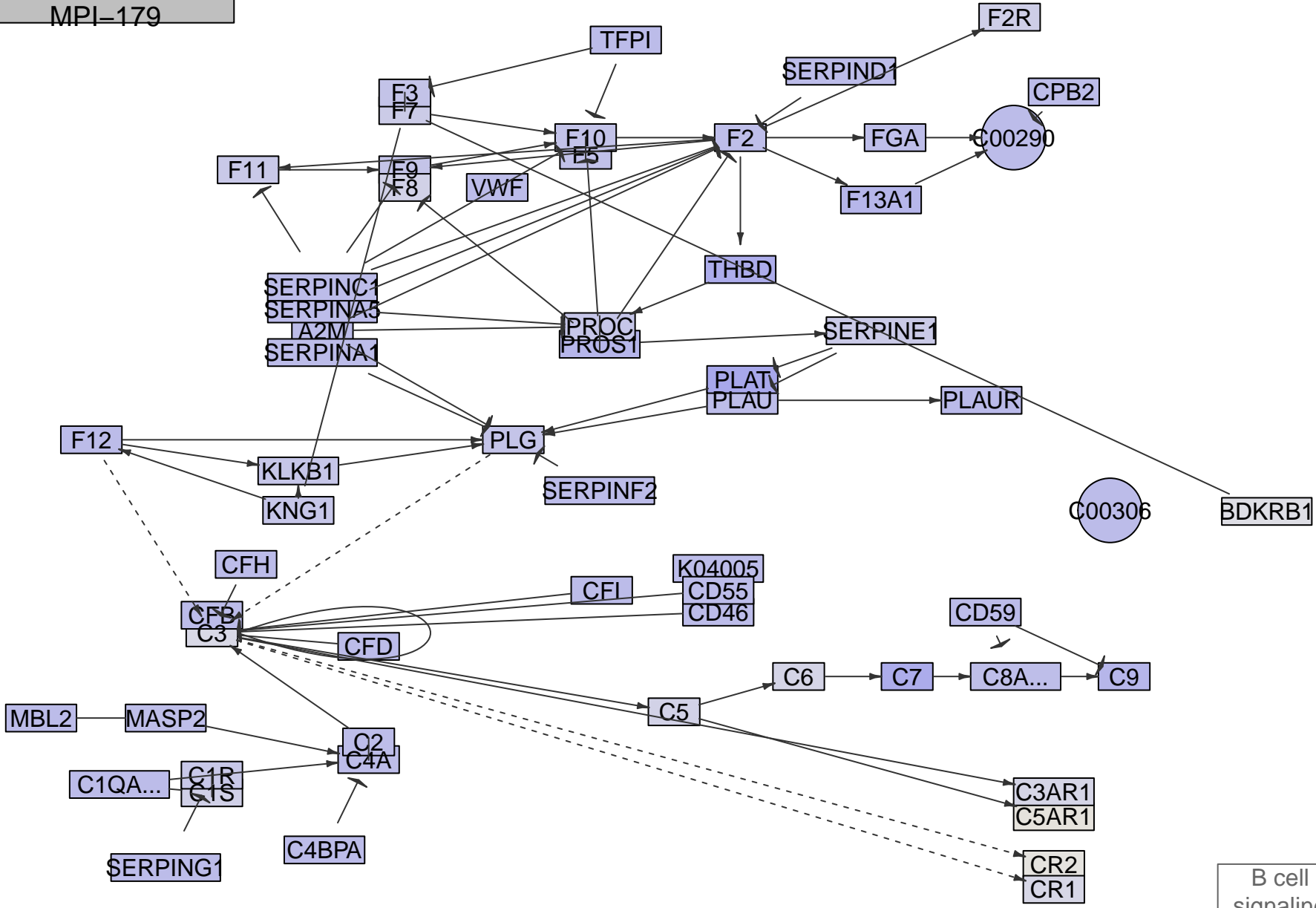
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-178



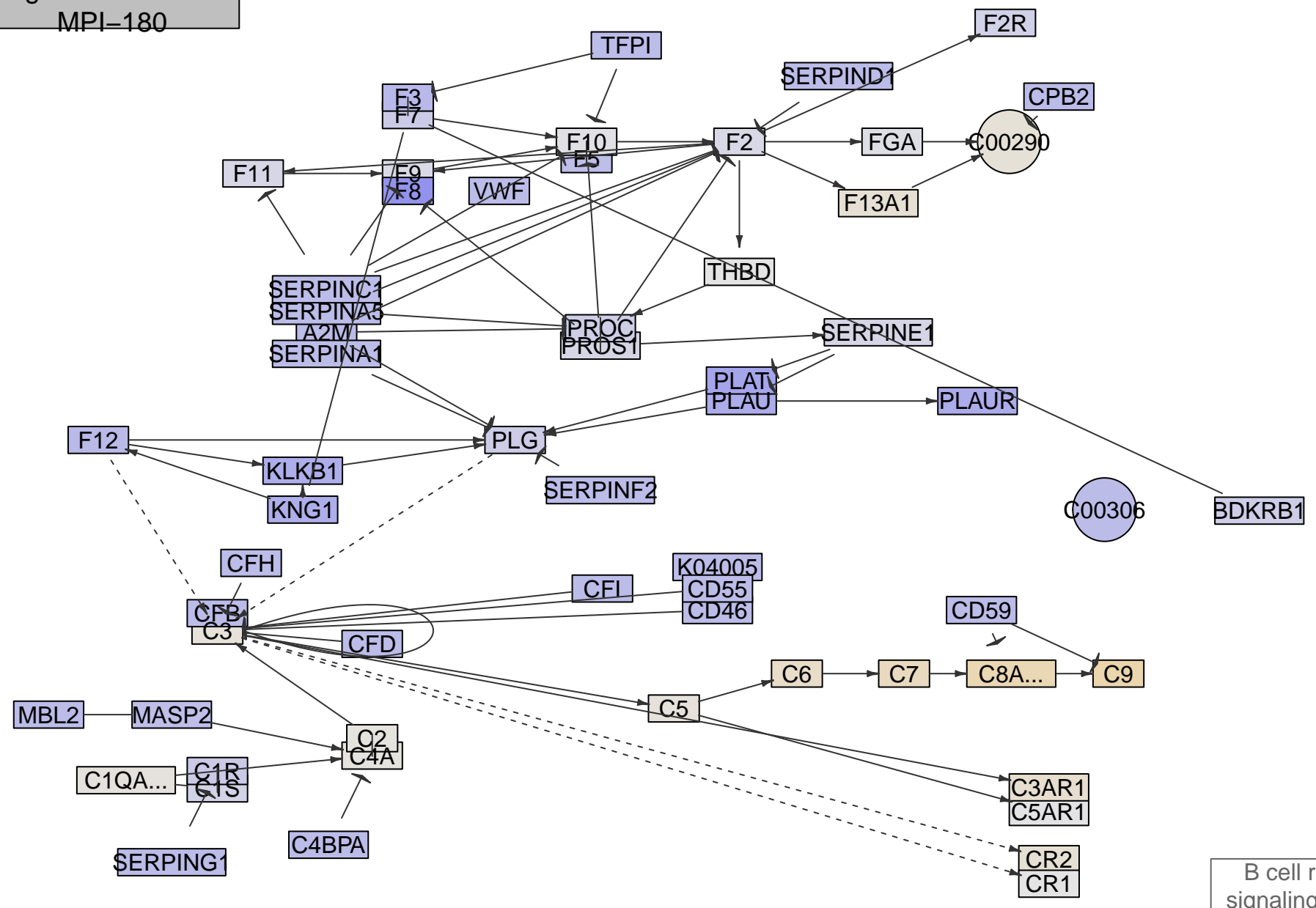
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-179



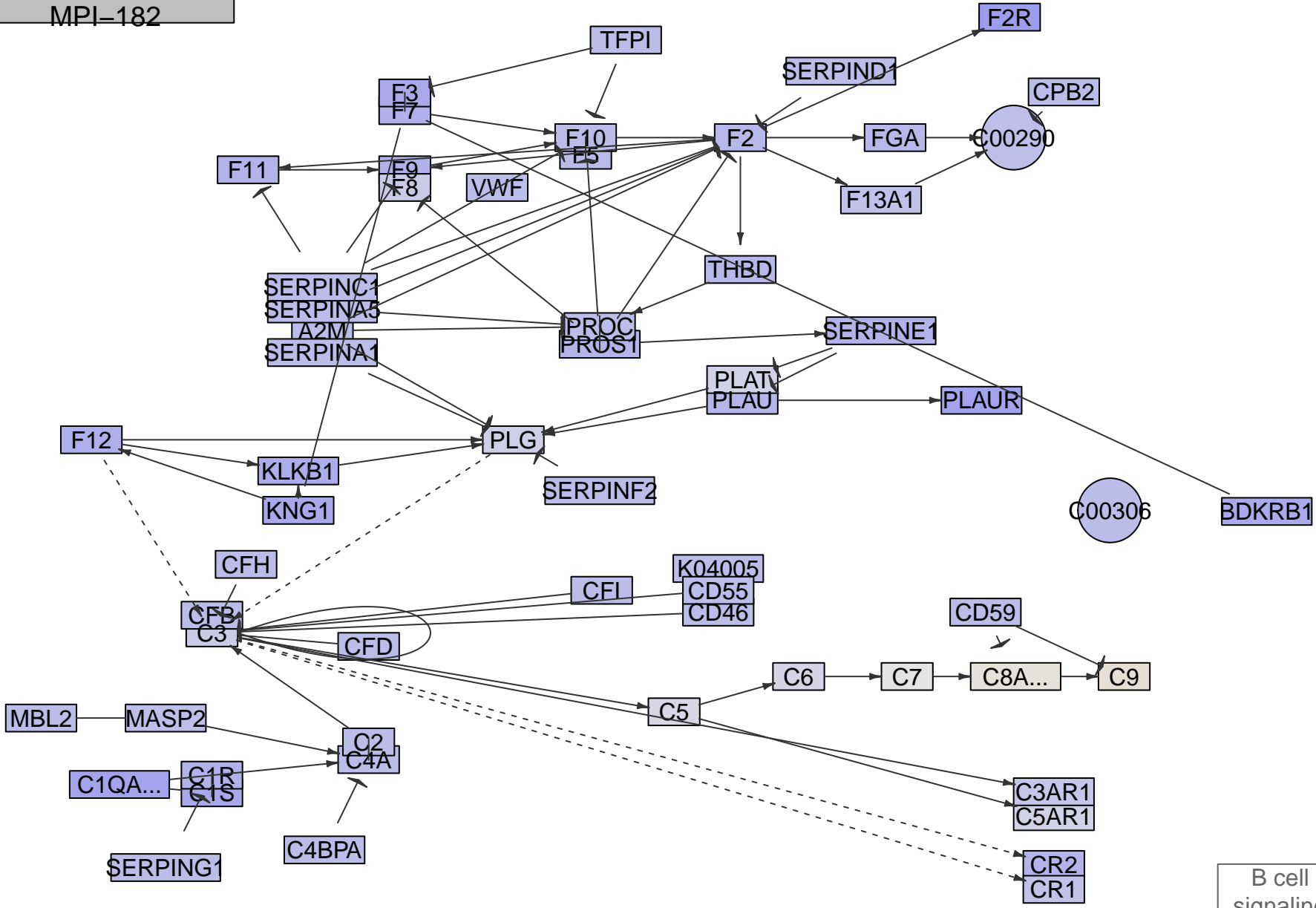
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-180



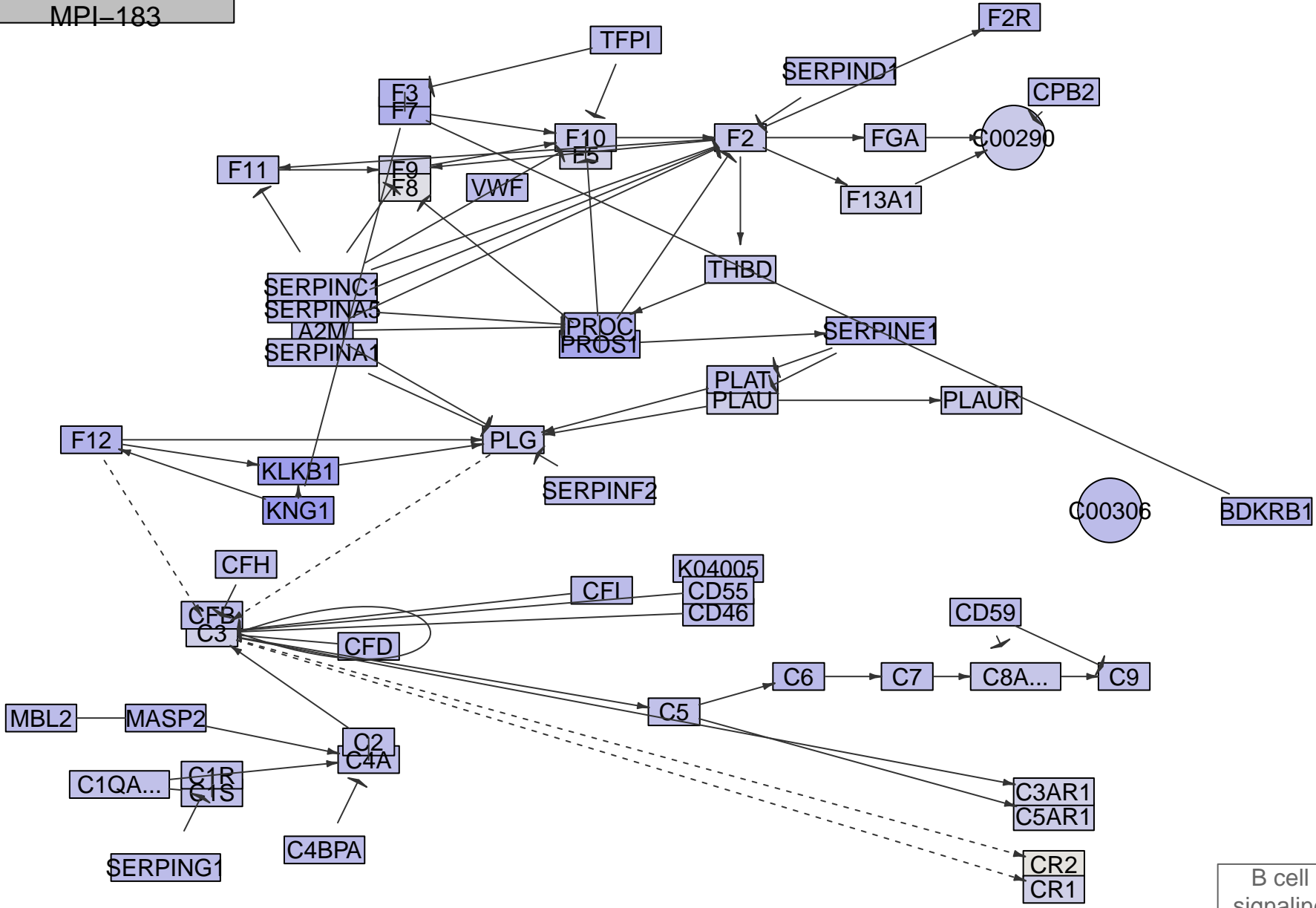
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-182



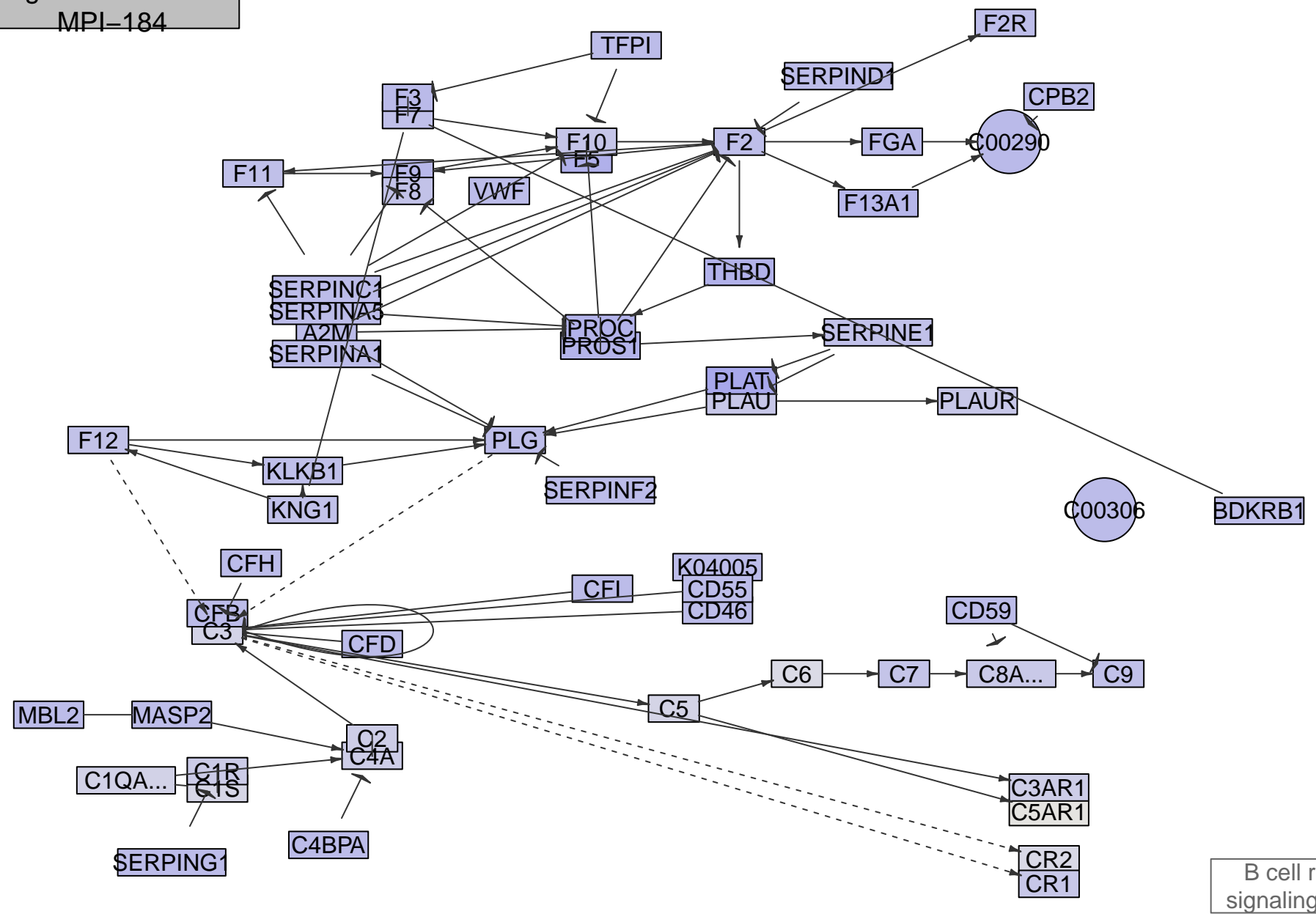
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-183

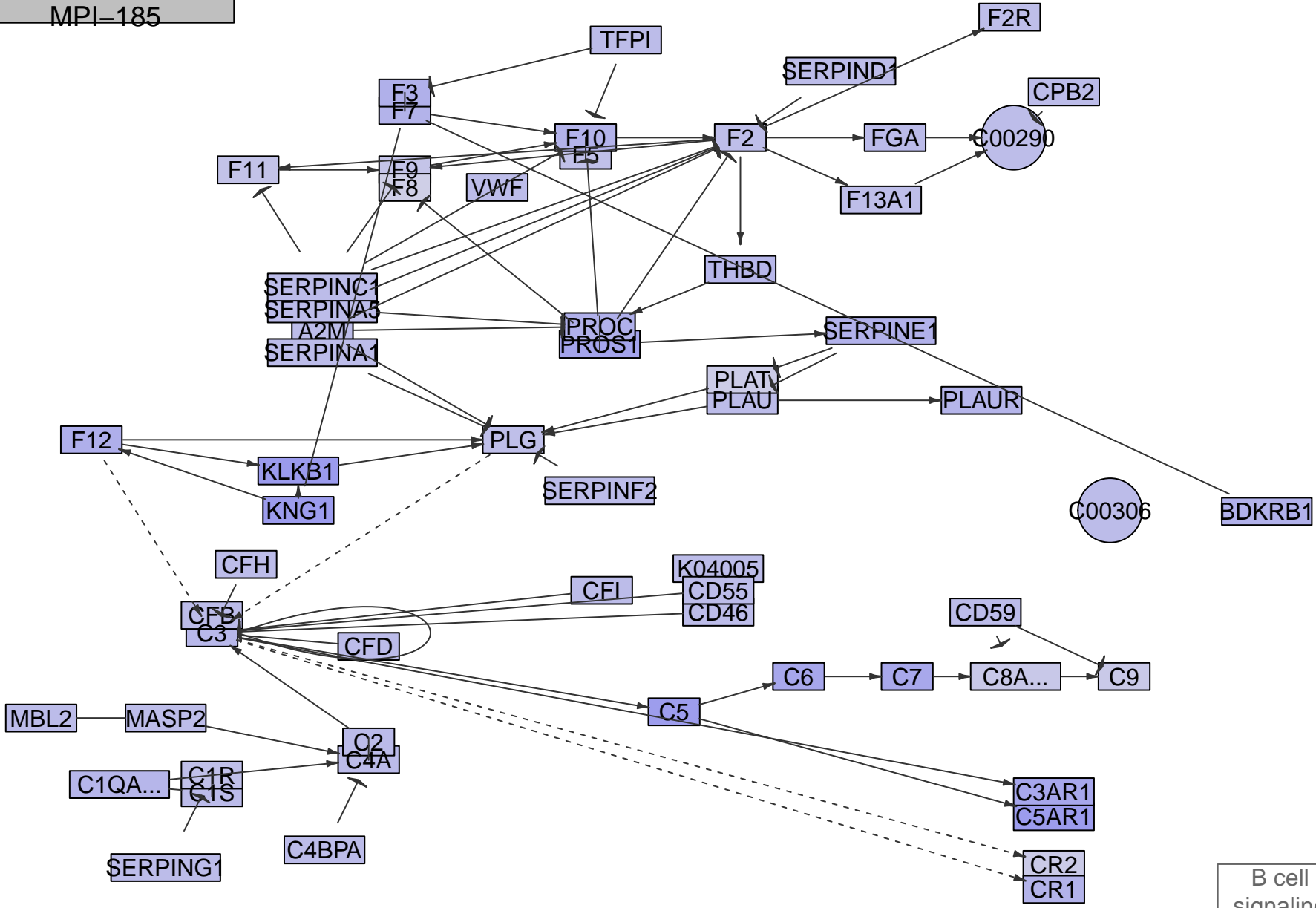


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-184

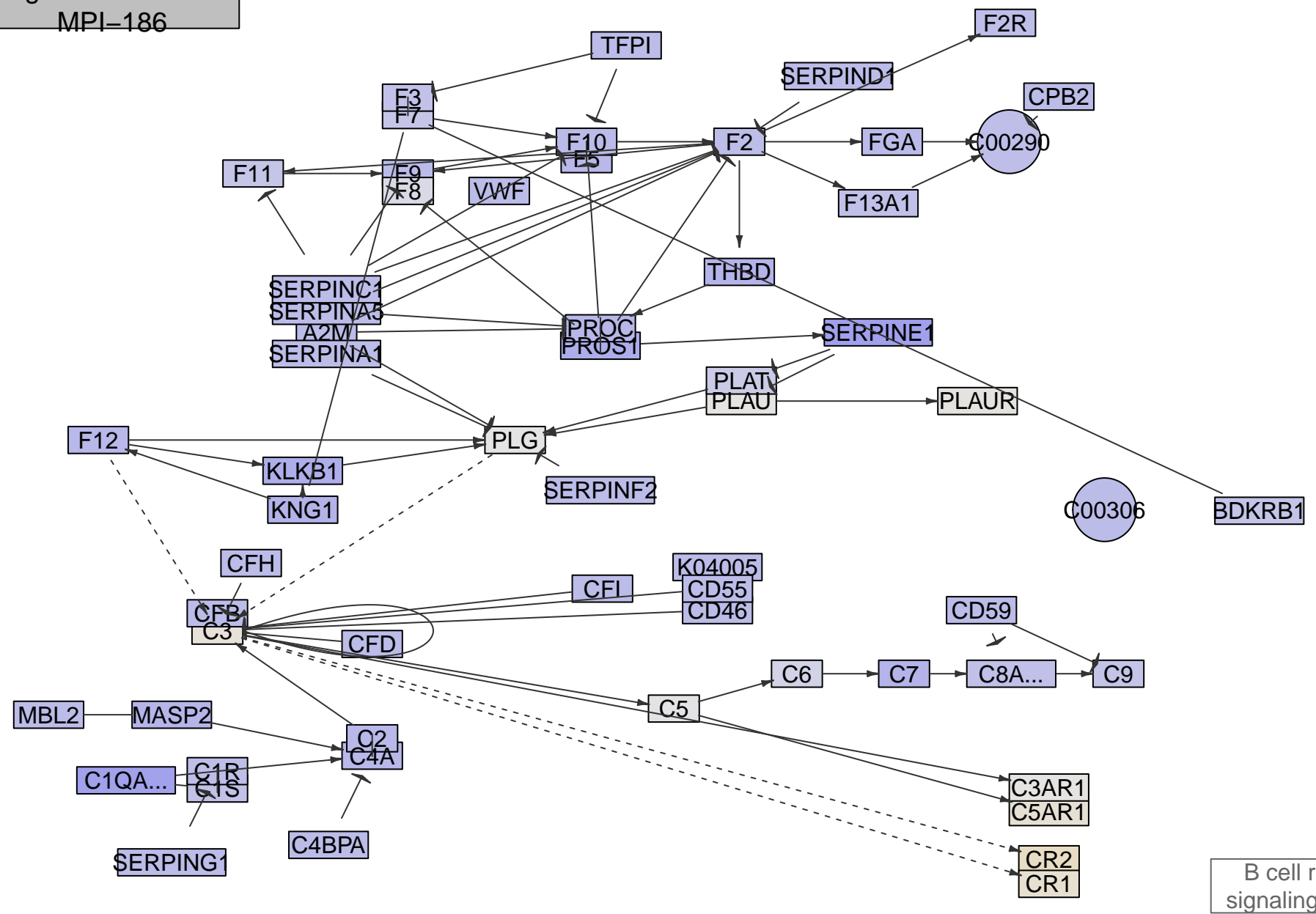


Complement and
coagulation cascades
MPI-185

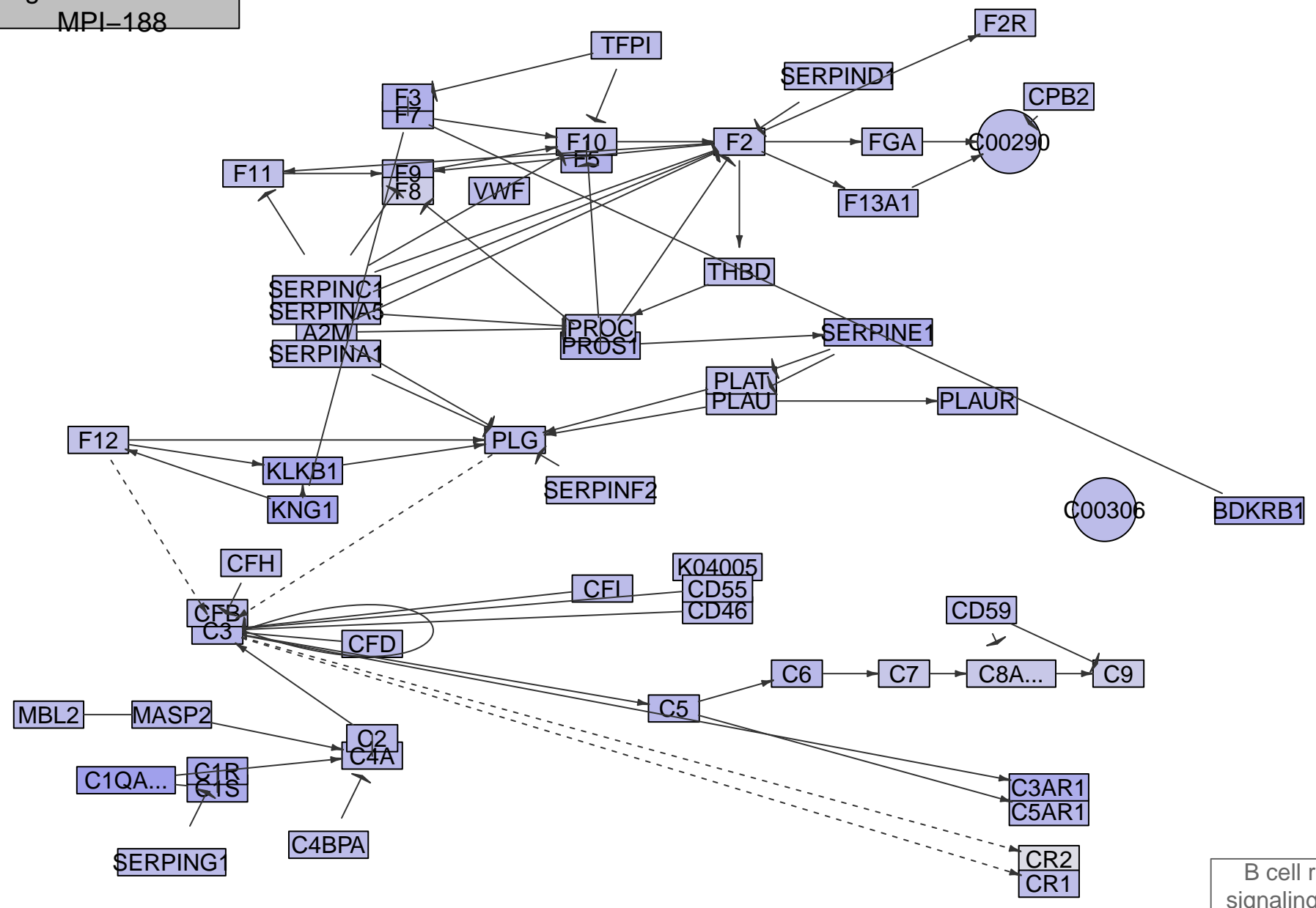


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-186

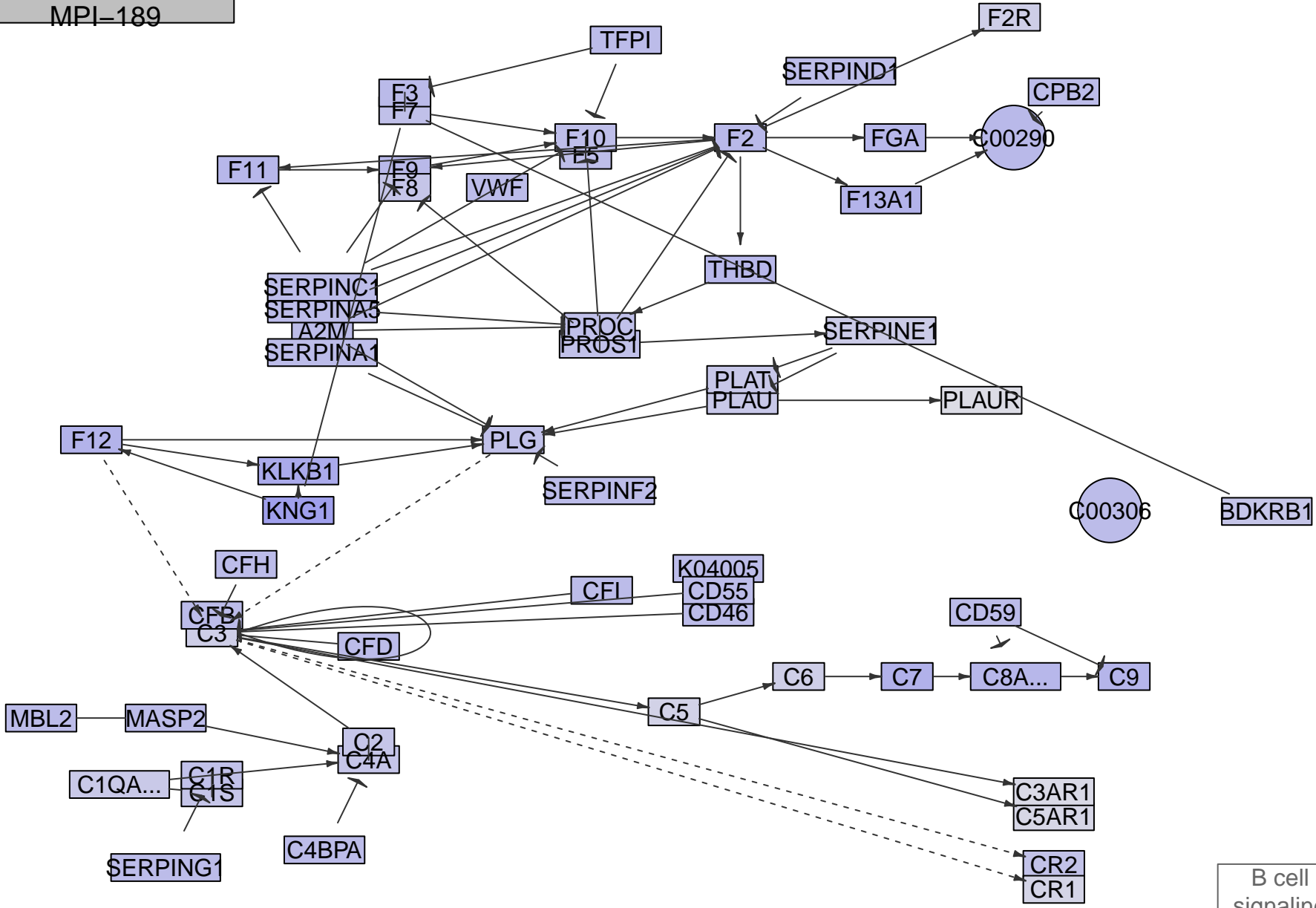


Complement and
coagulation cascades
MPI-188



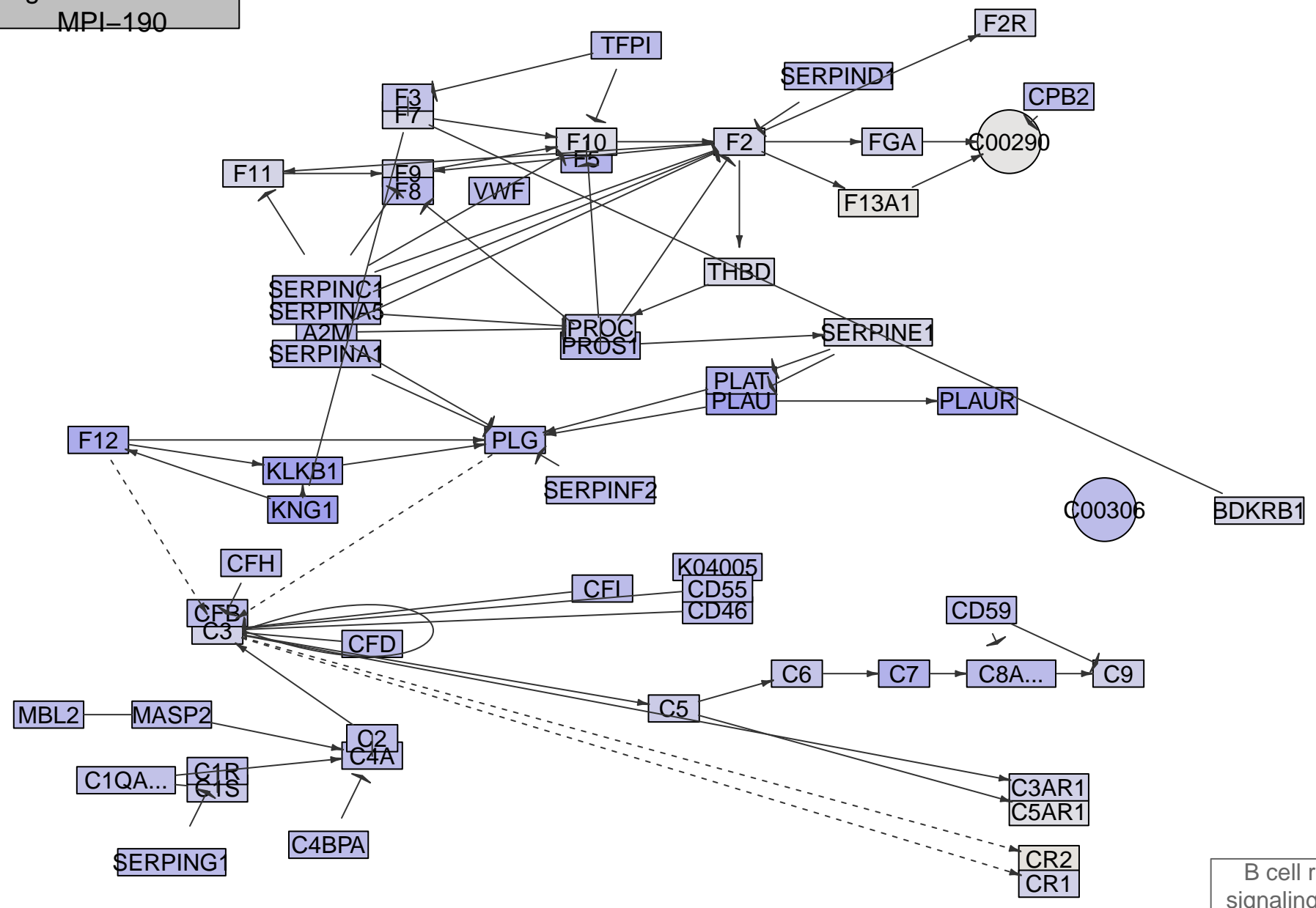
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-189

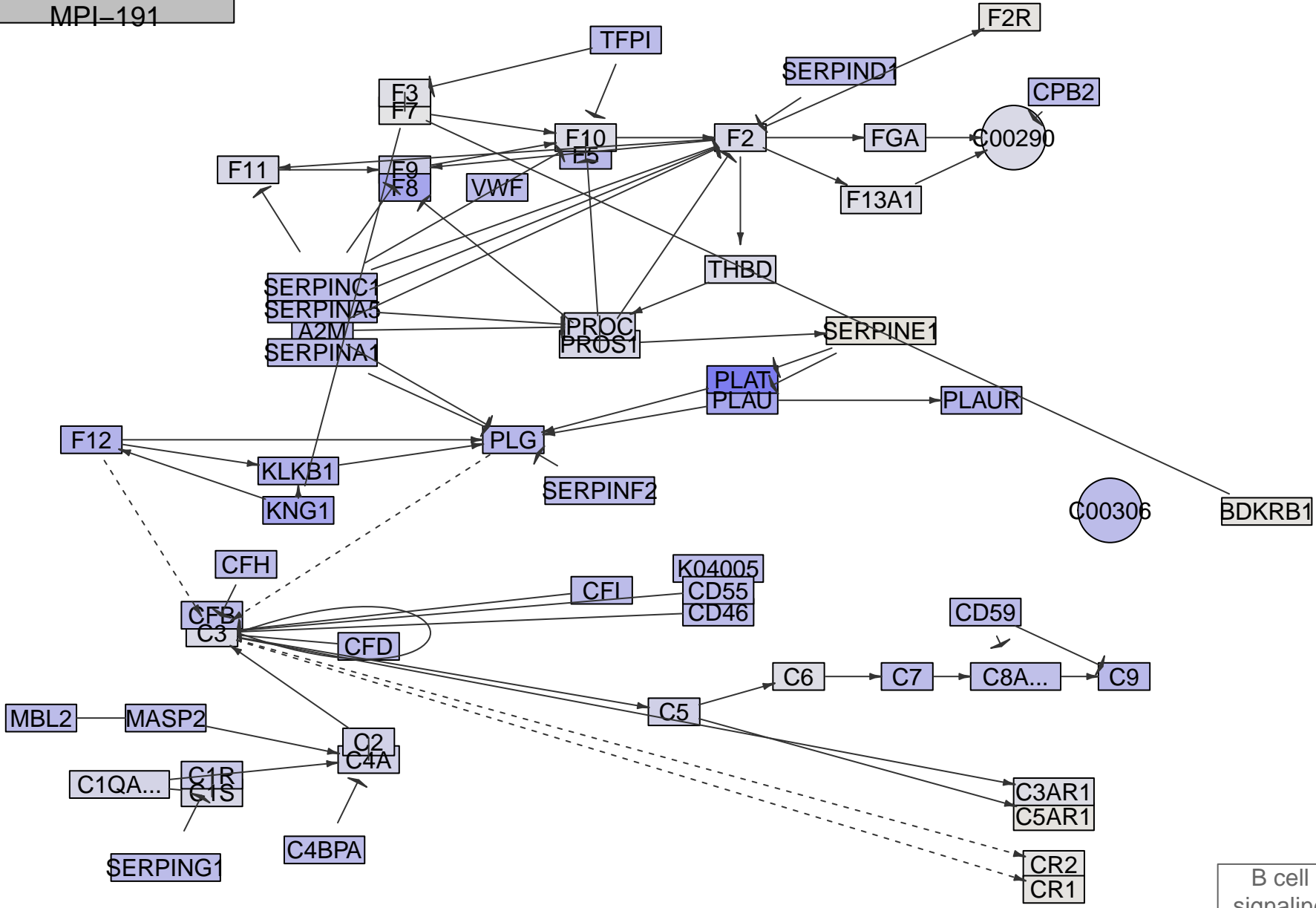


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-190

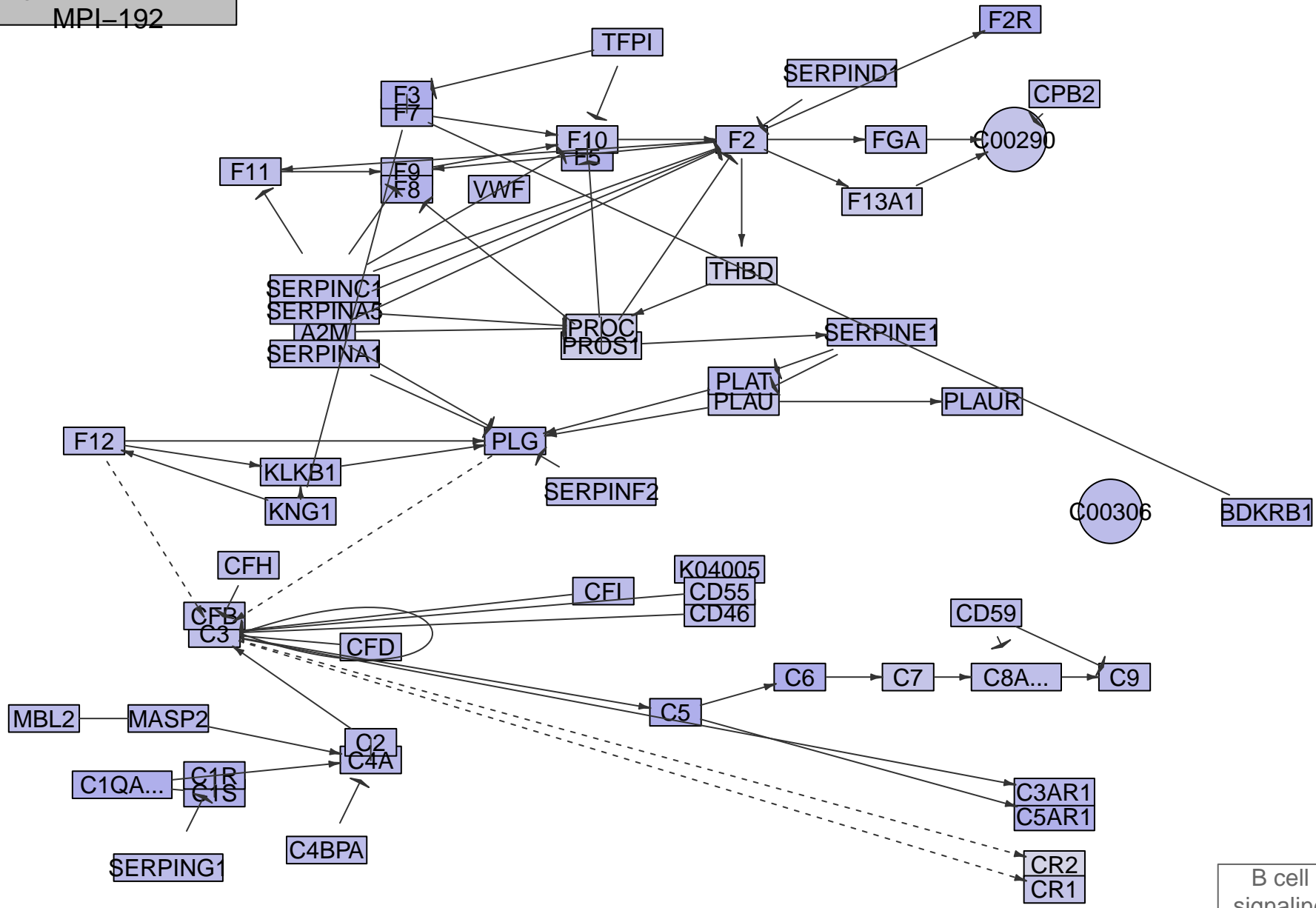


Complement and coagulation cascades
MPI-191



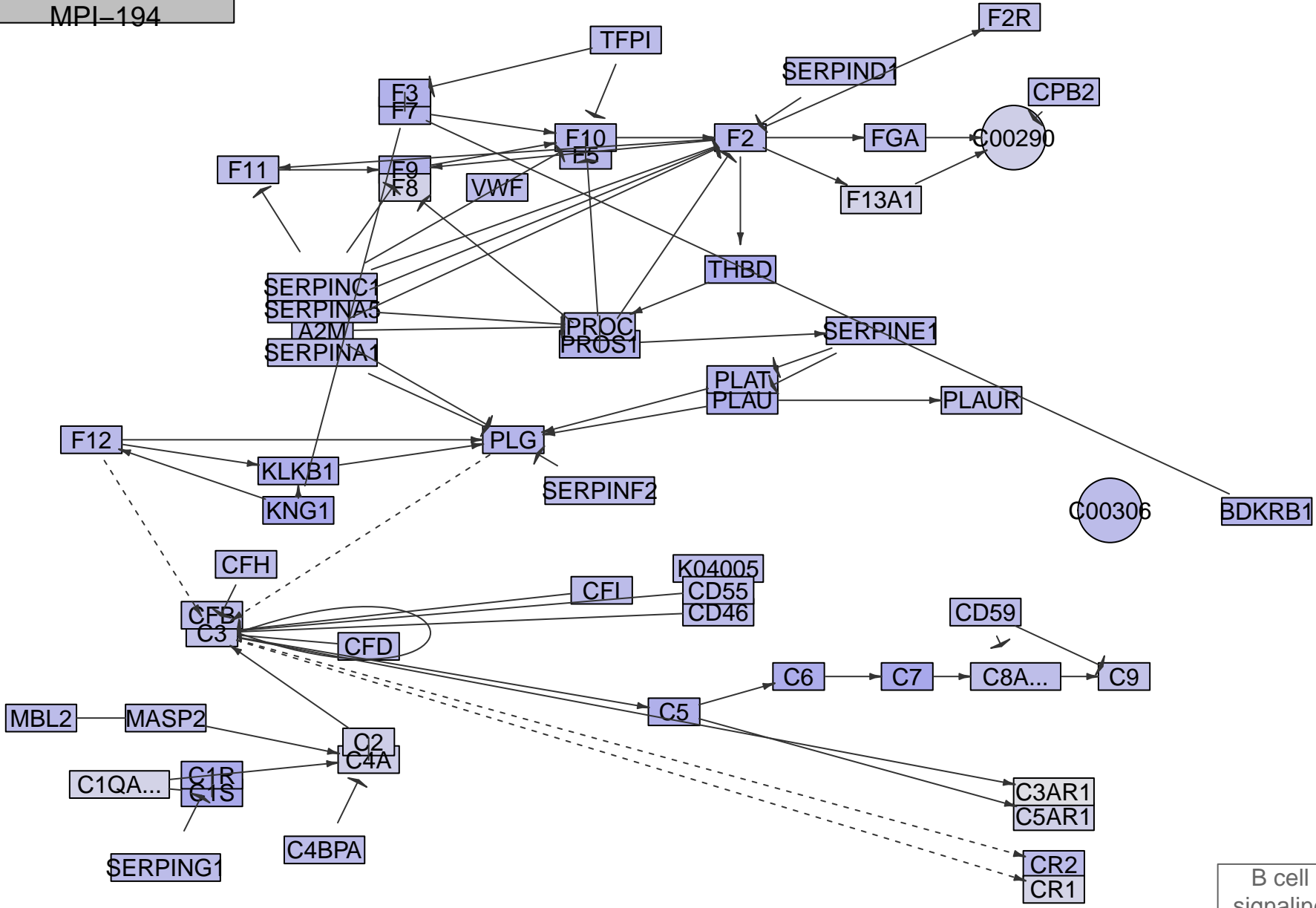
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-192



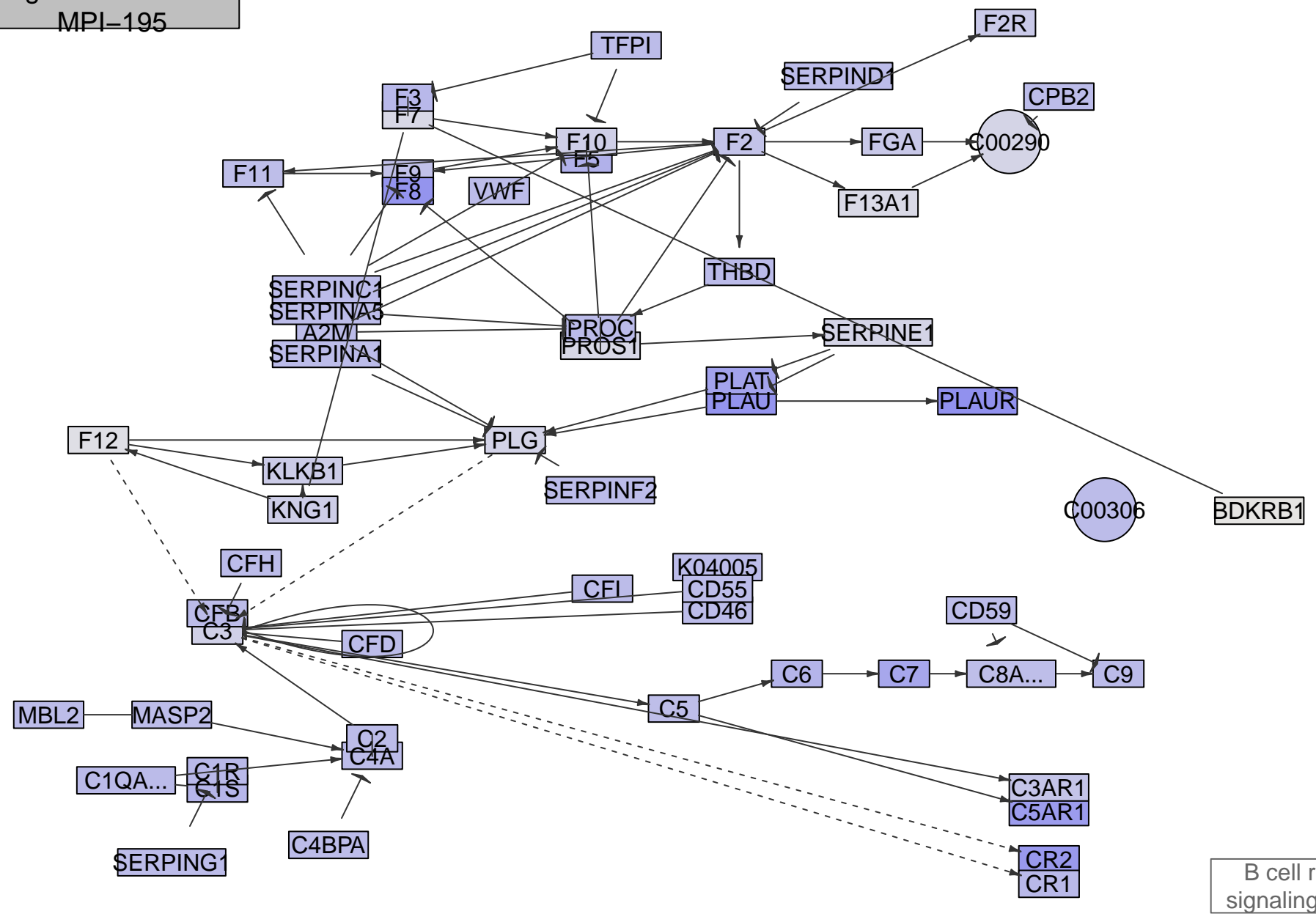
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-194

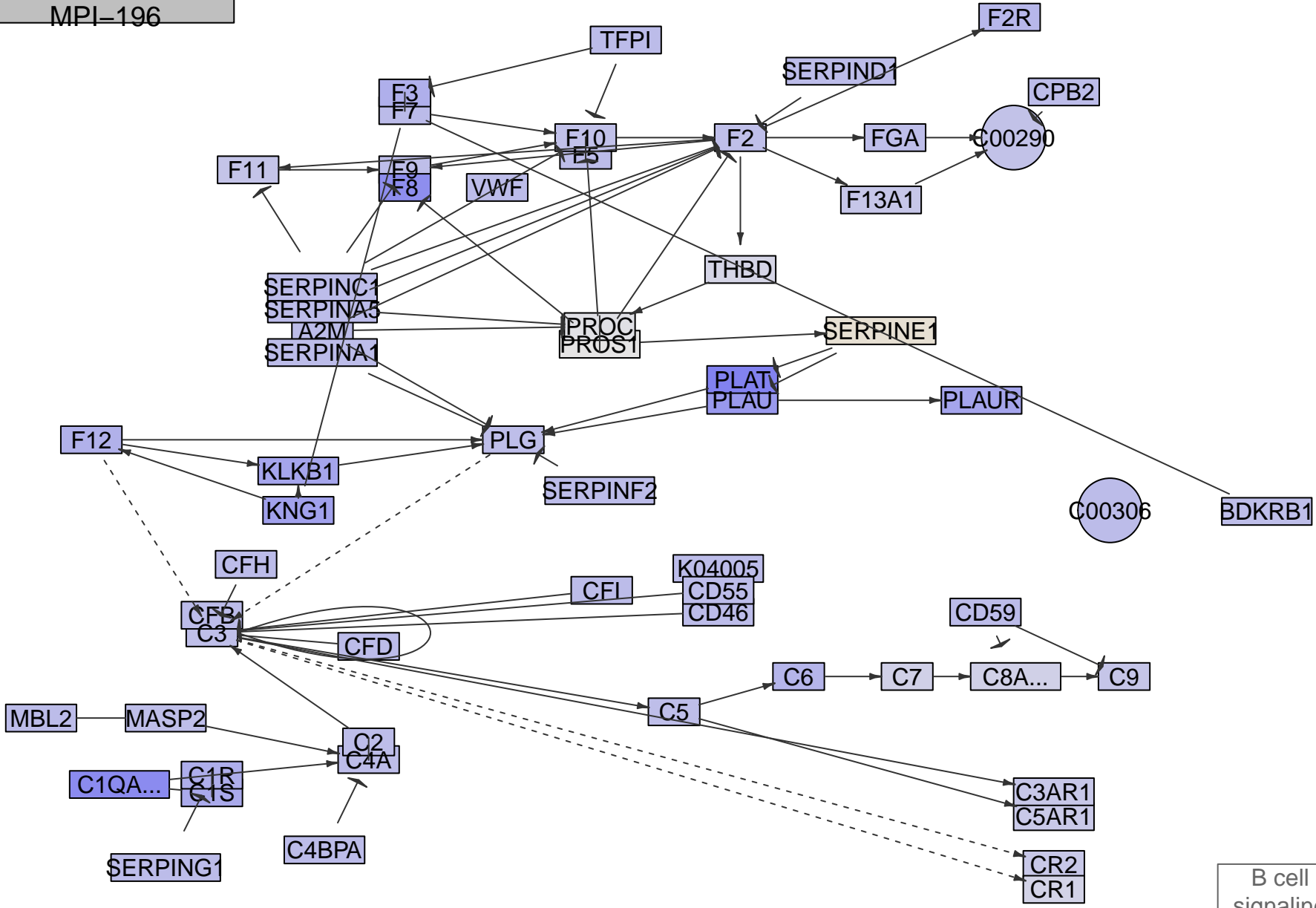


B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-195

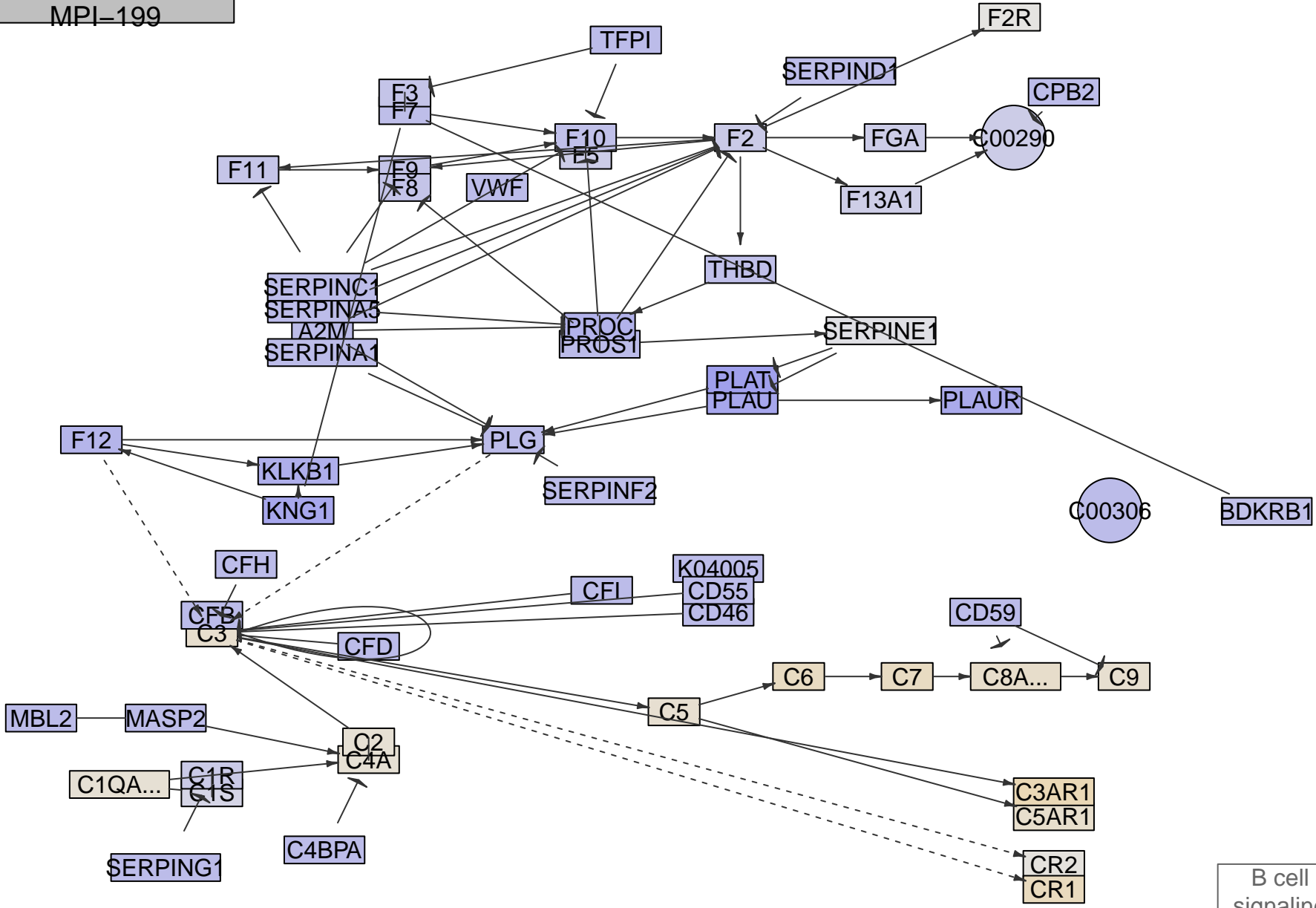


Complement and coagulation cascades
MPI-196



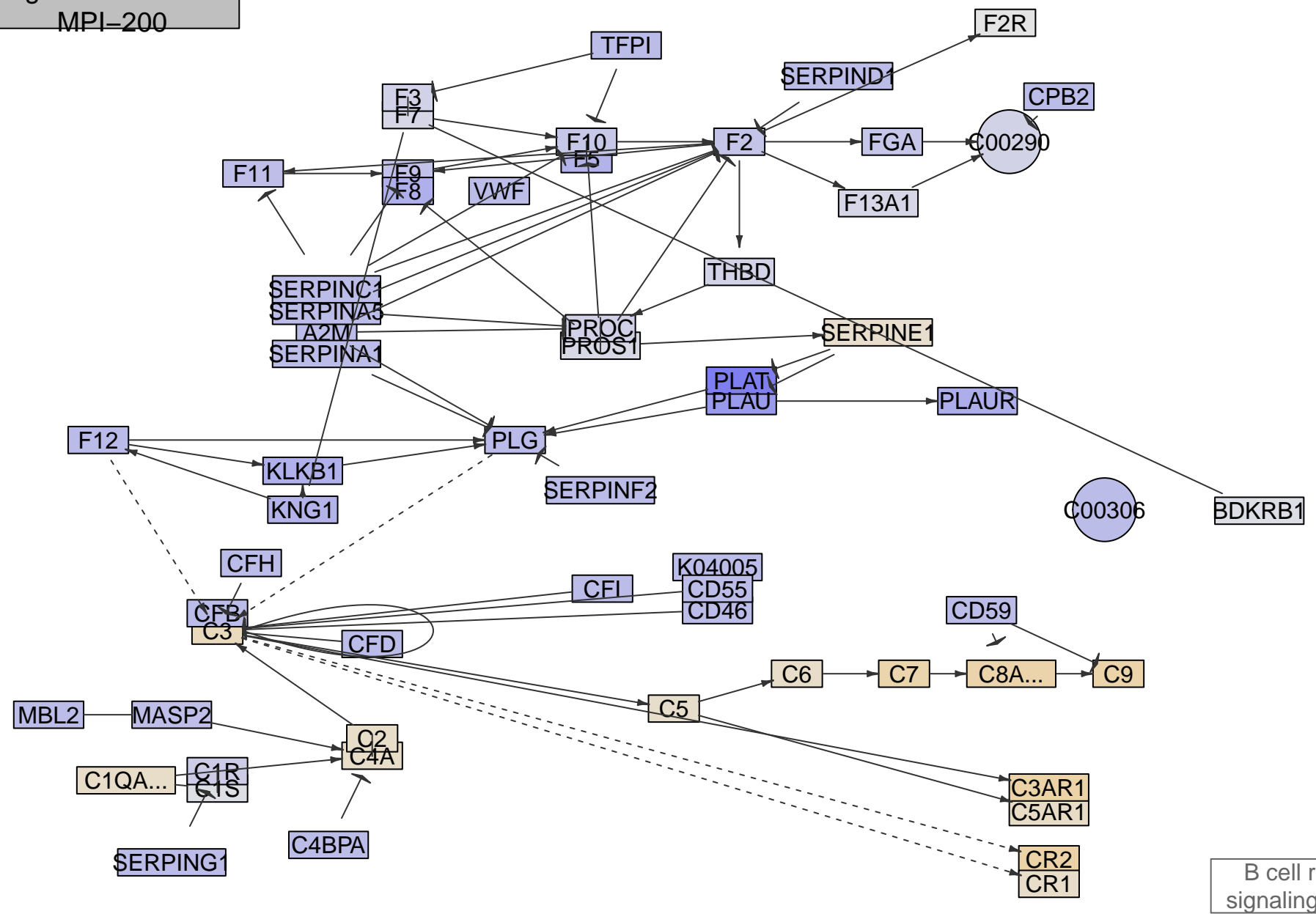
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-199



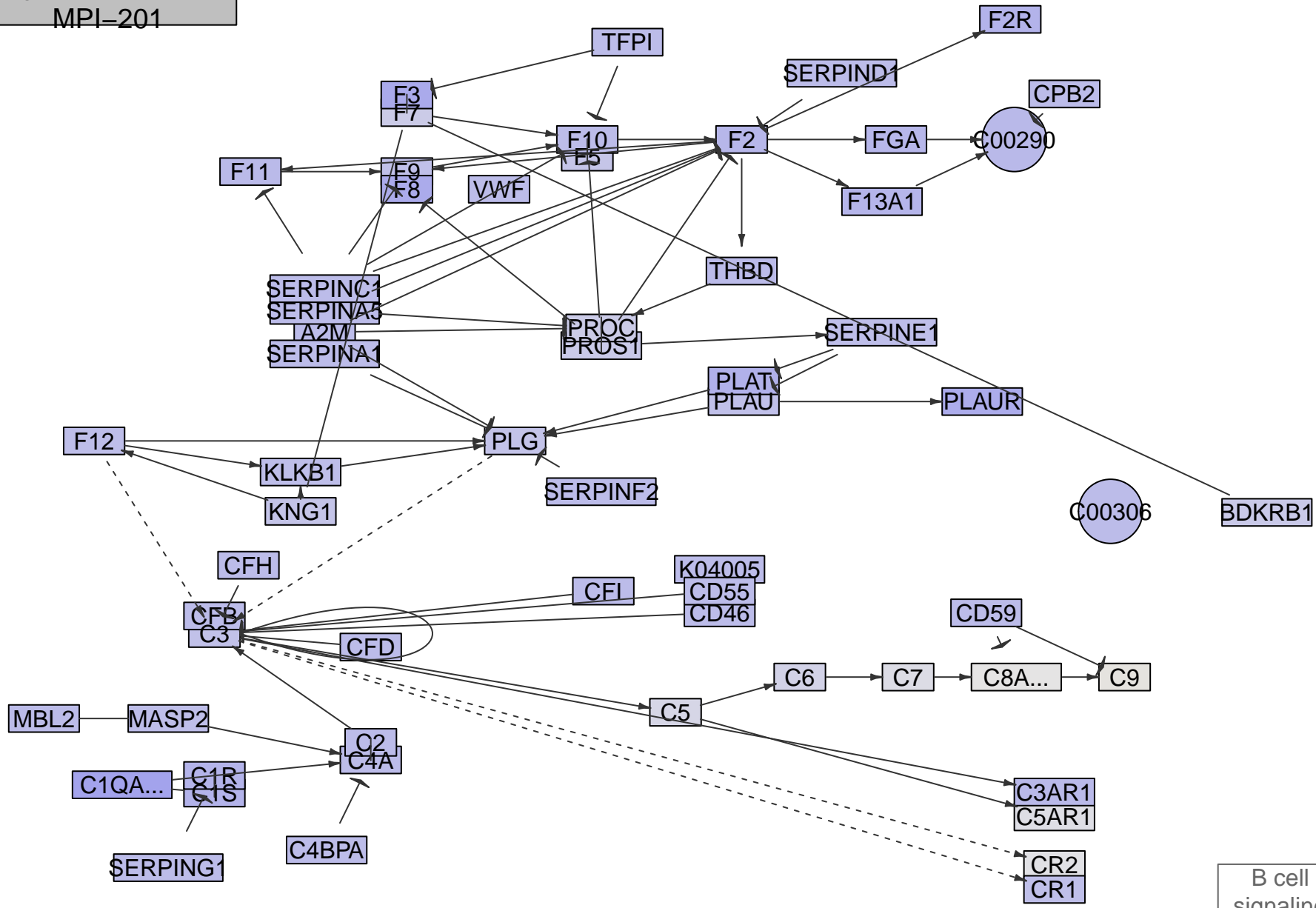
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-200

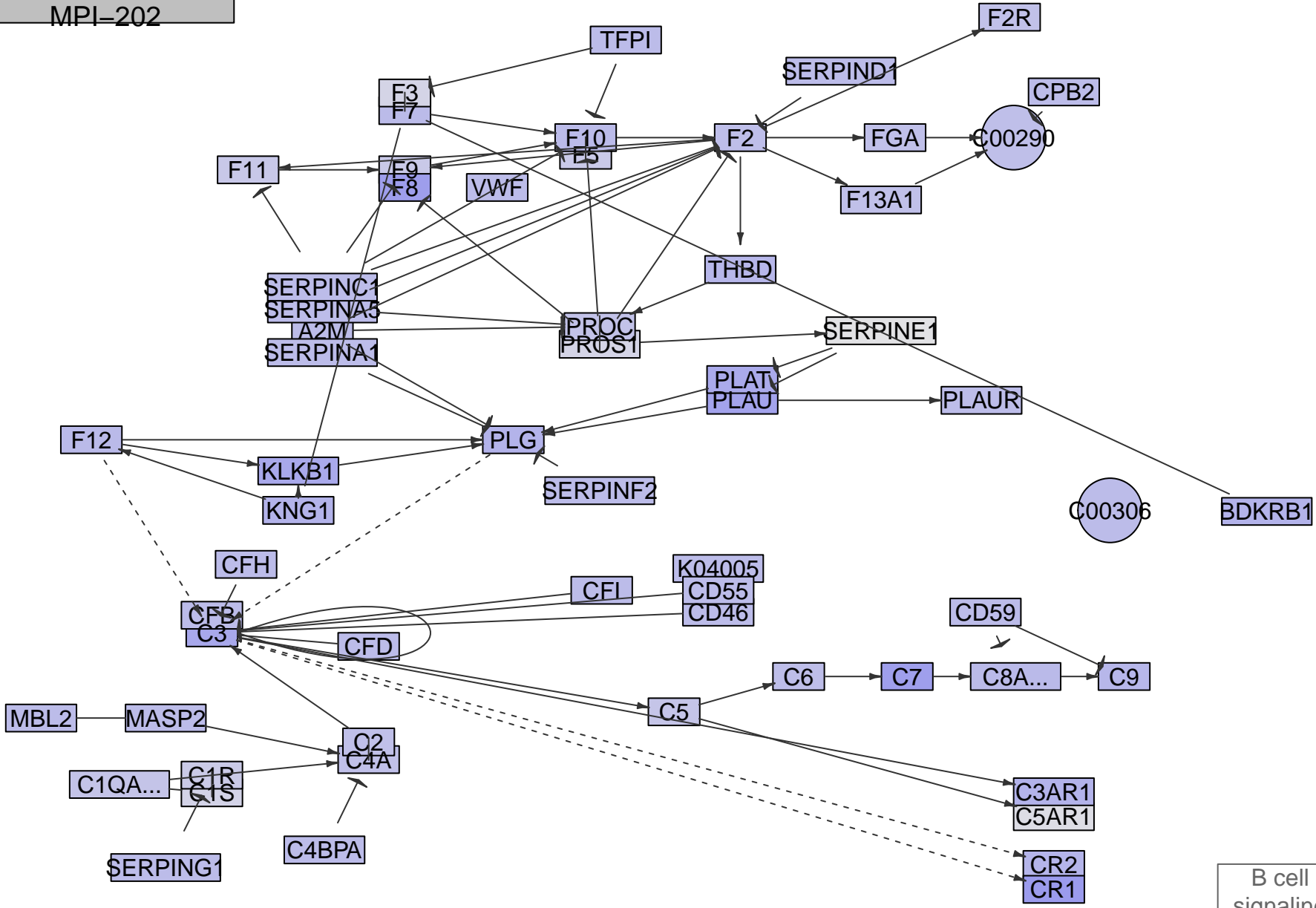


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-201

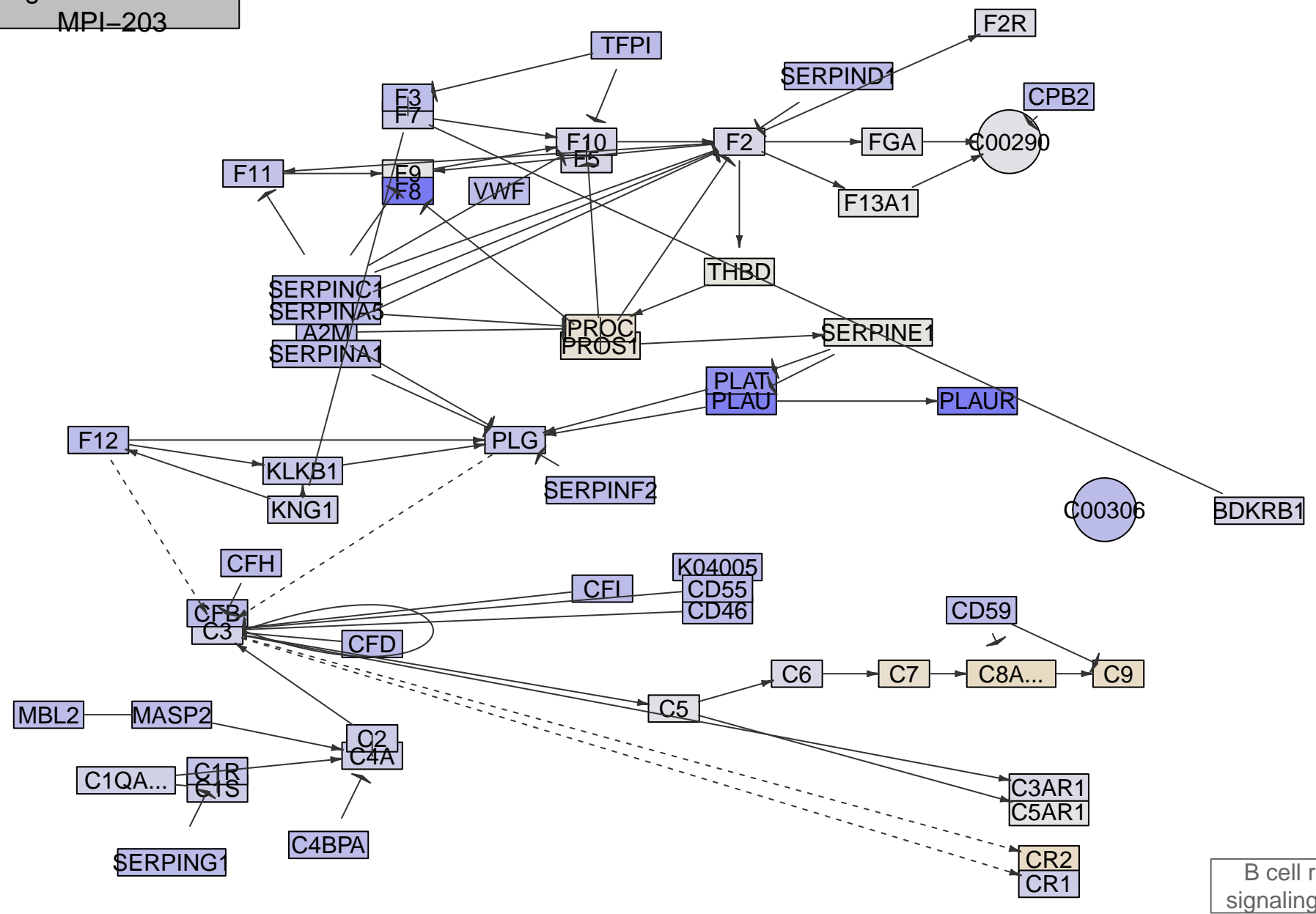


Complement and
coagulation cascades
MPI-202



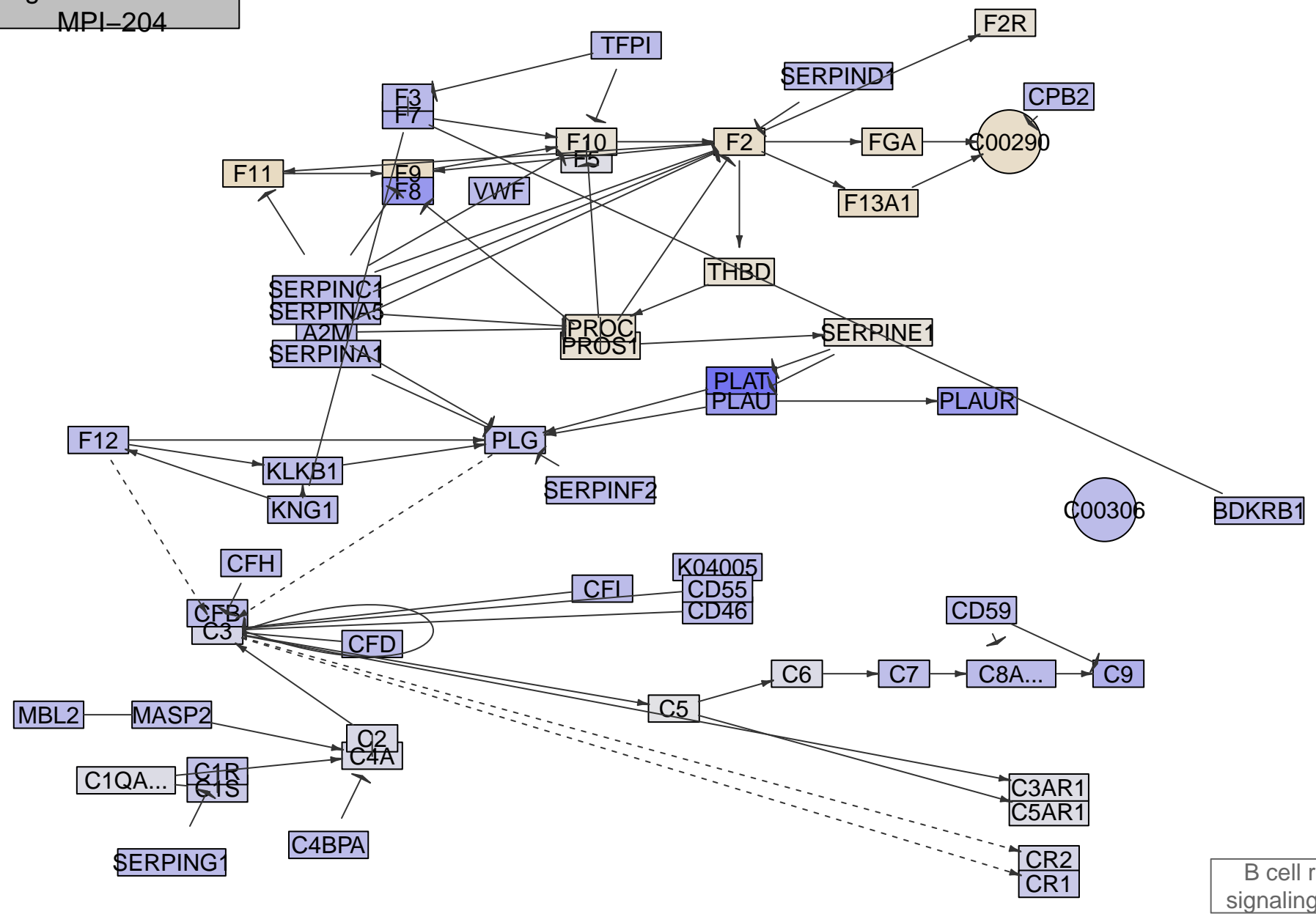
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-203



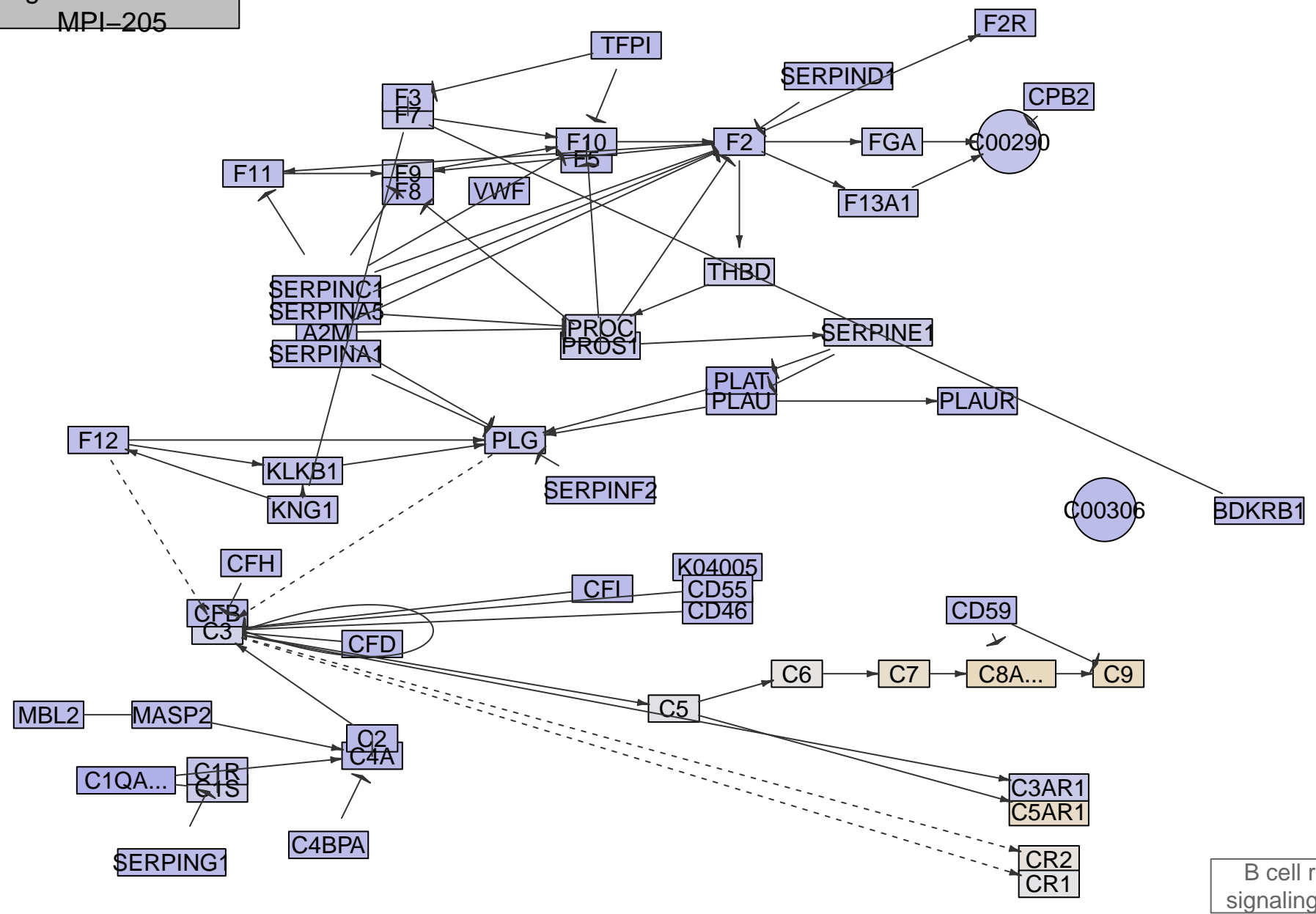
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-204

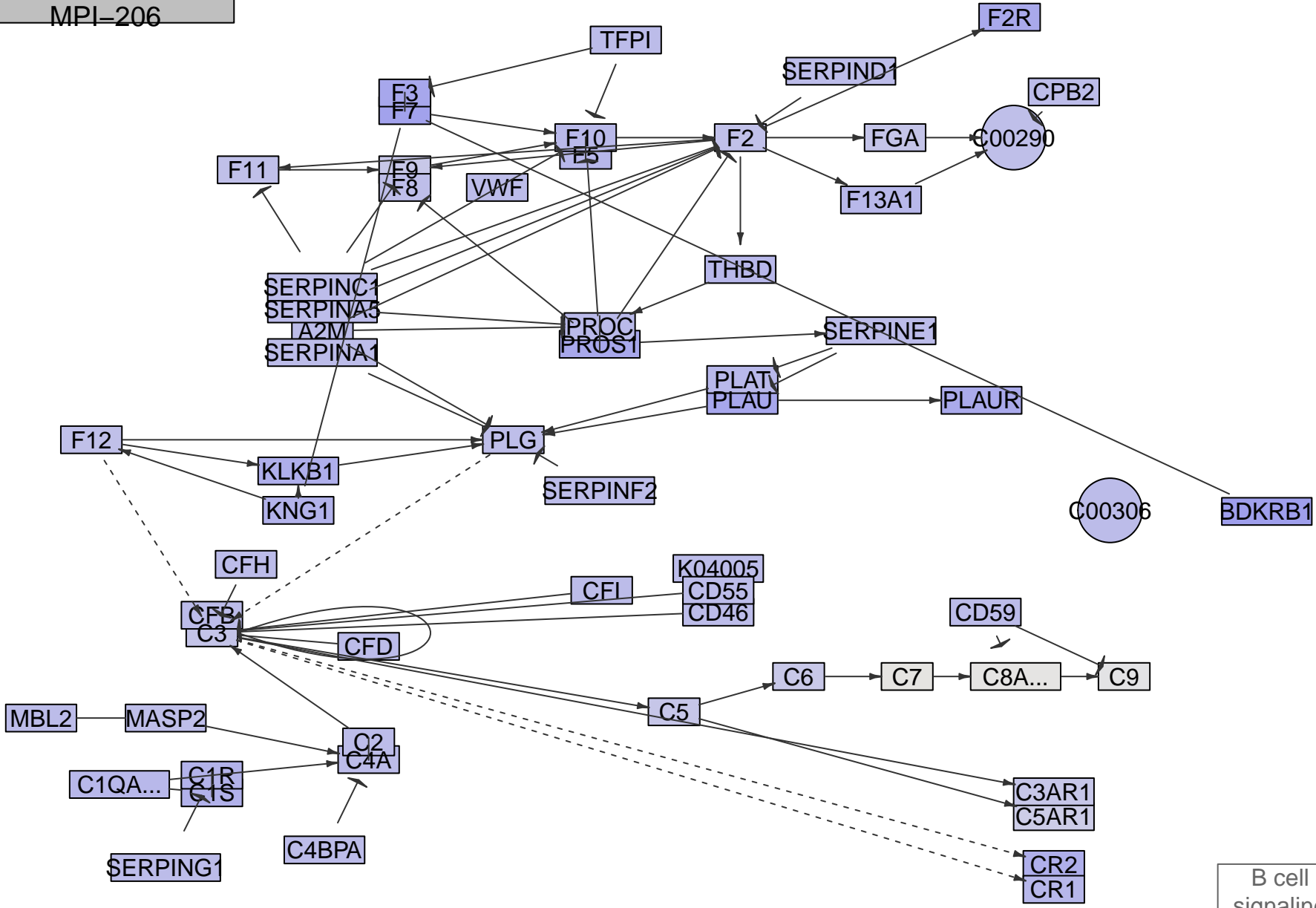


B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-205

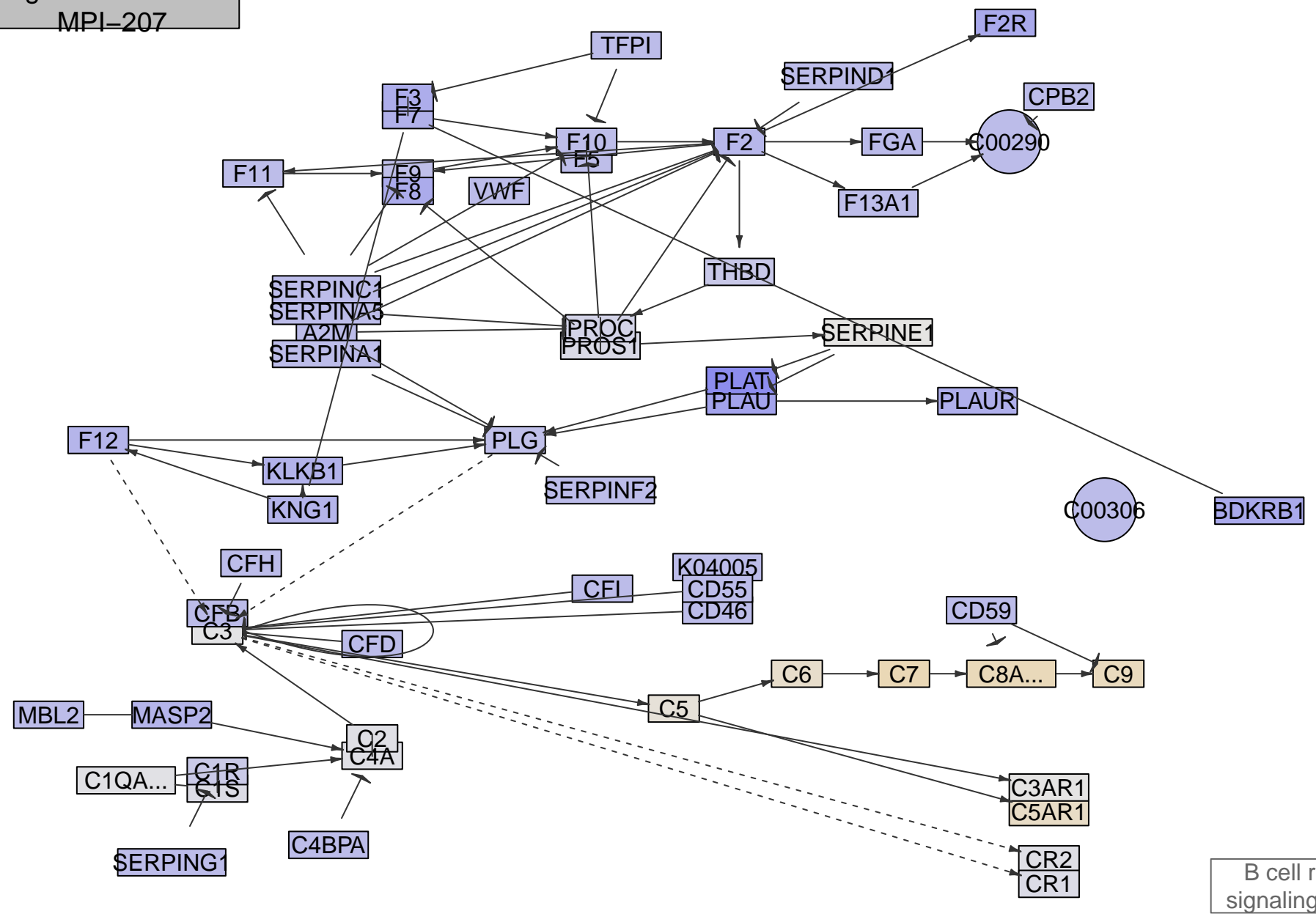


Complement and coagulation cascades
MPI-206



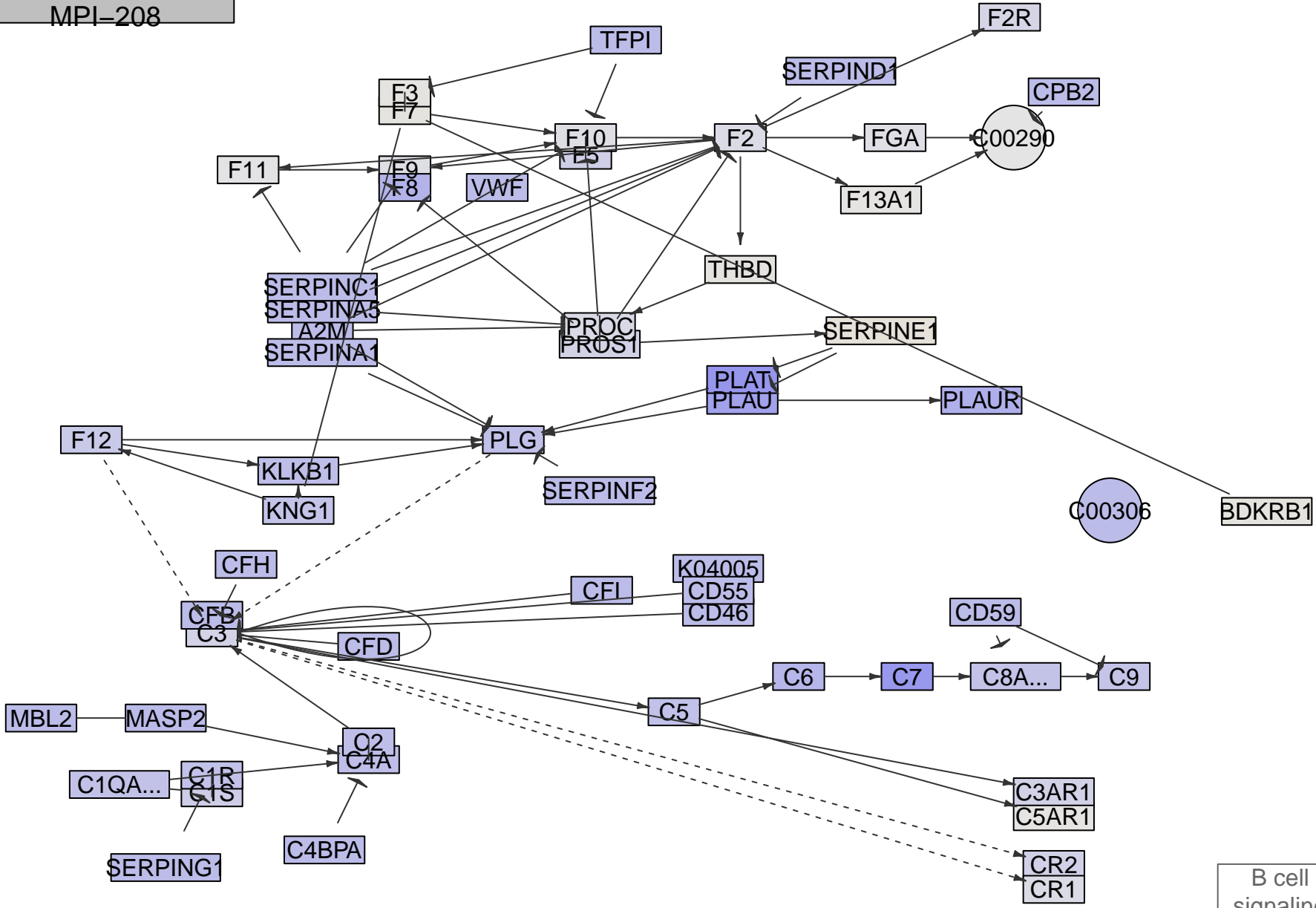
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-207



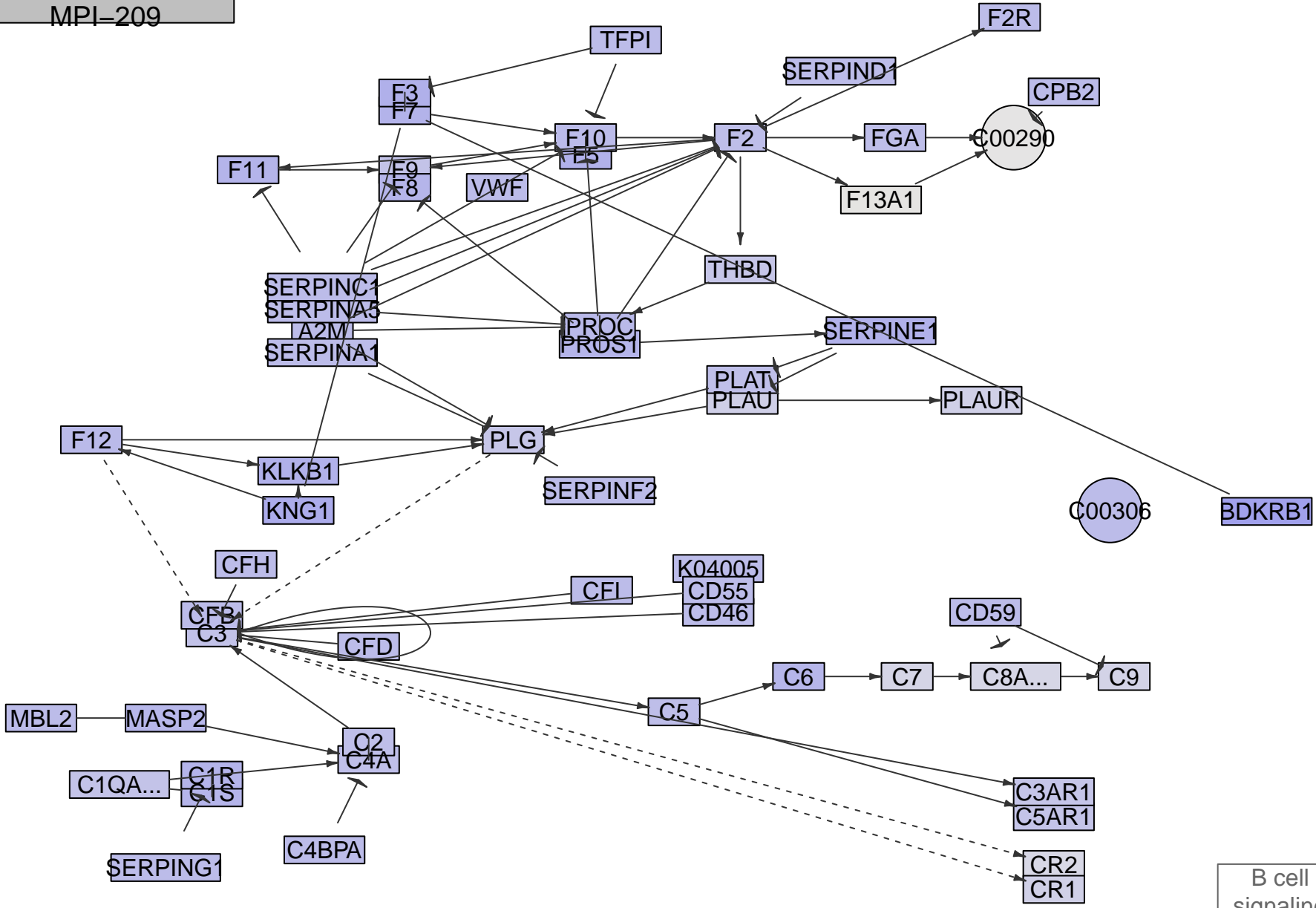
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-208



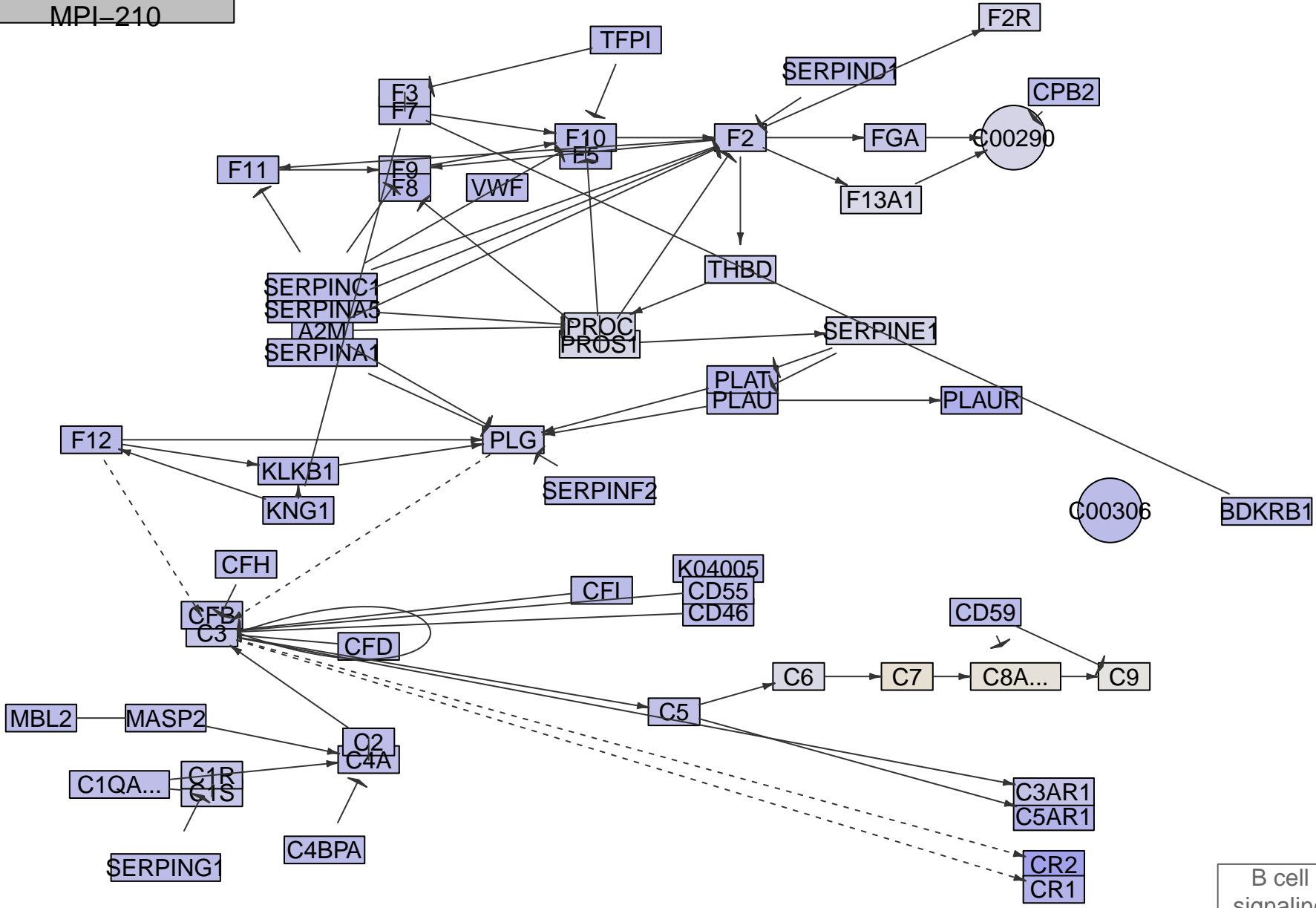
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-209



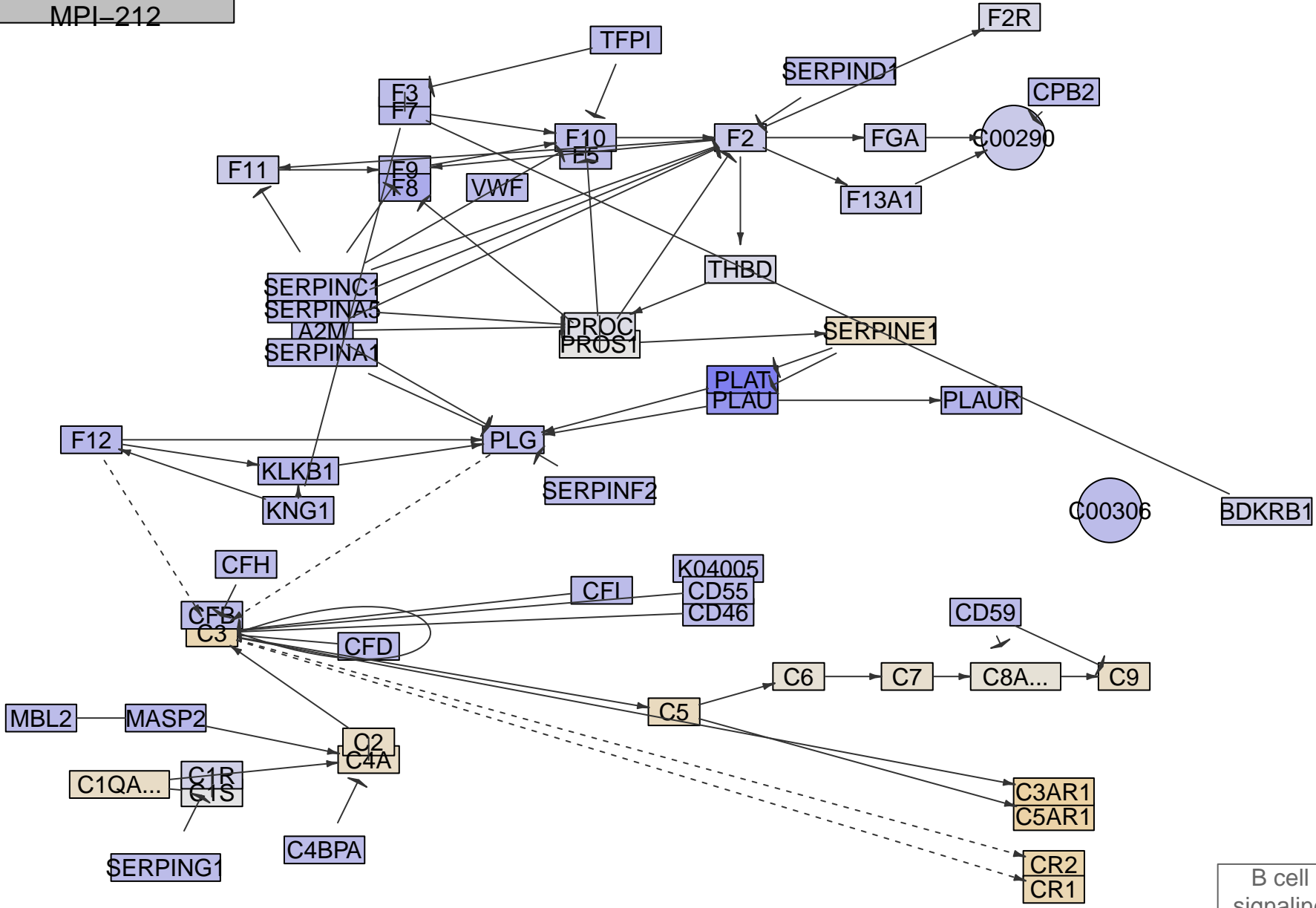
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-210



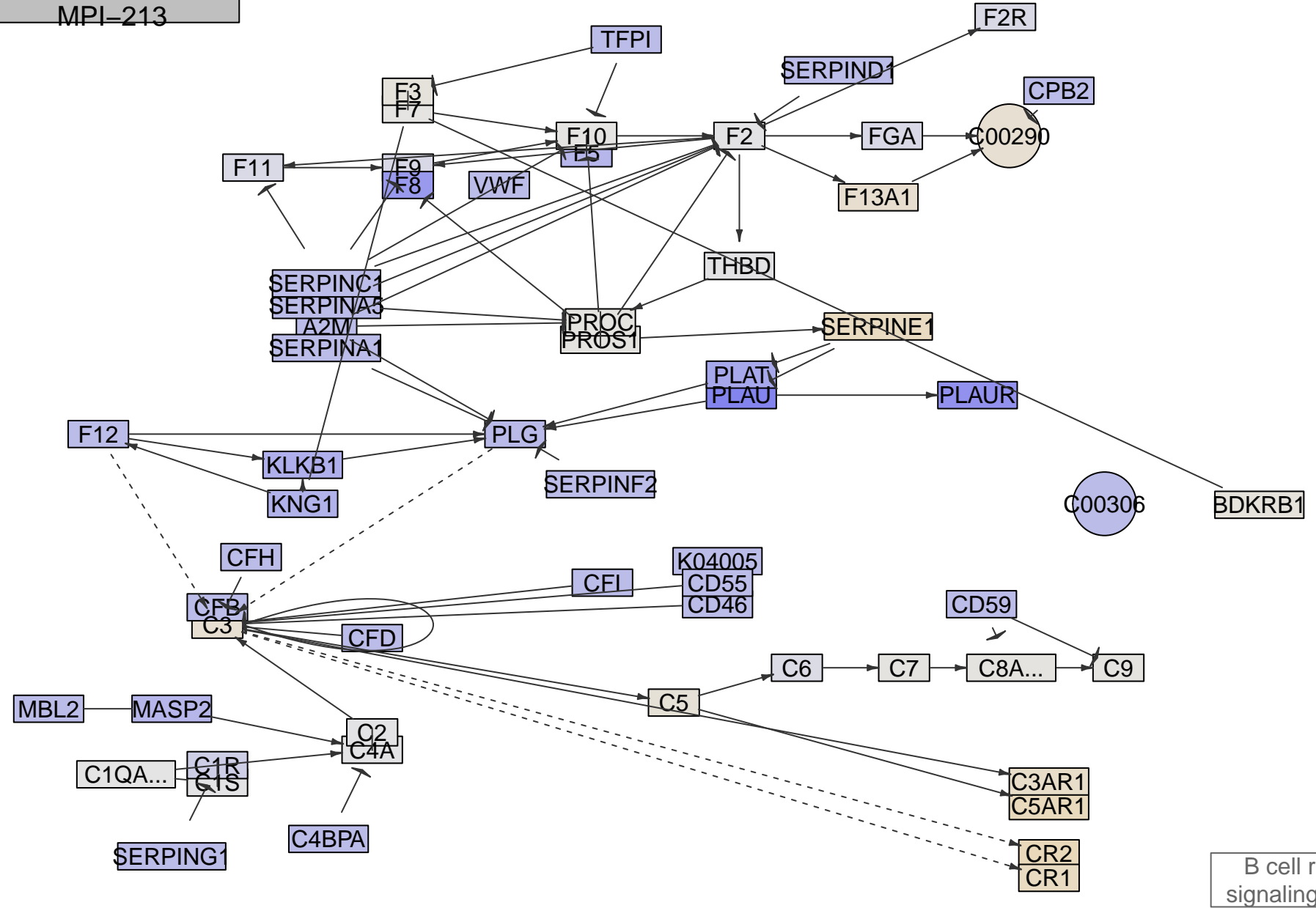
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-212

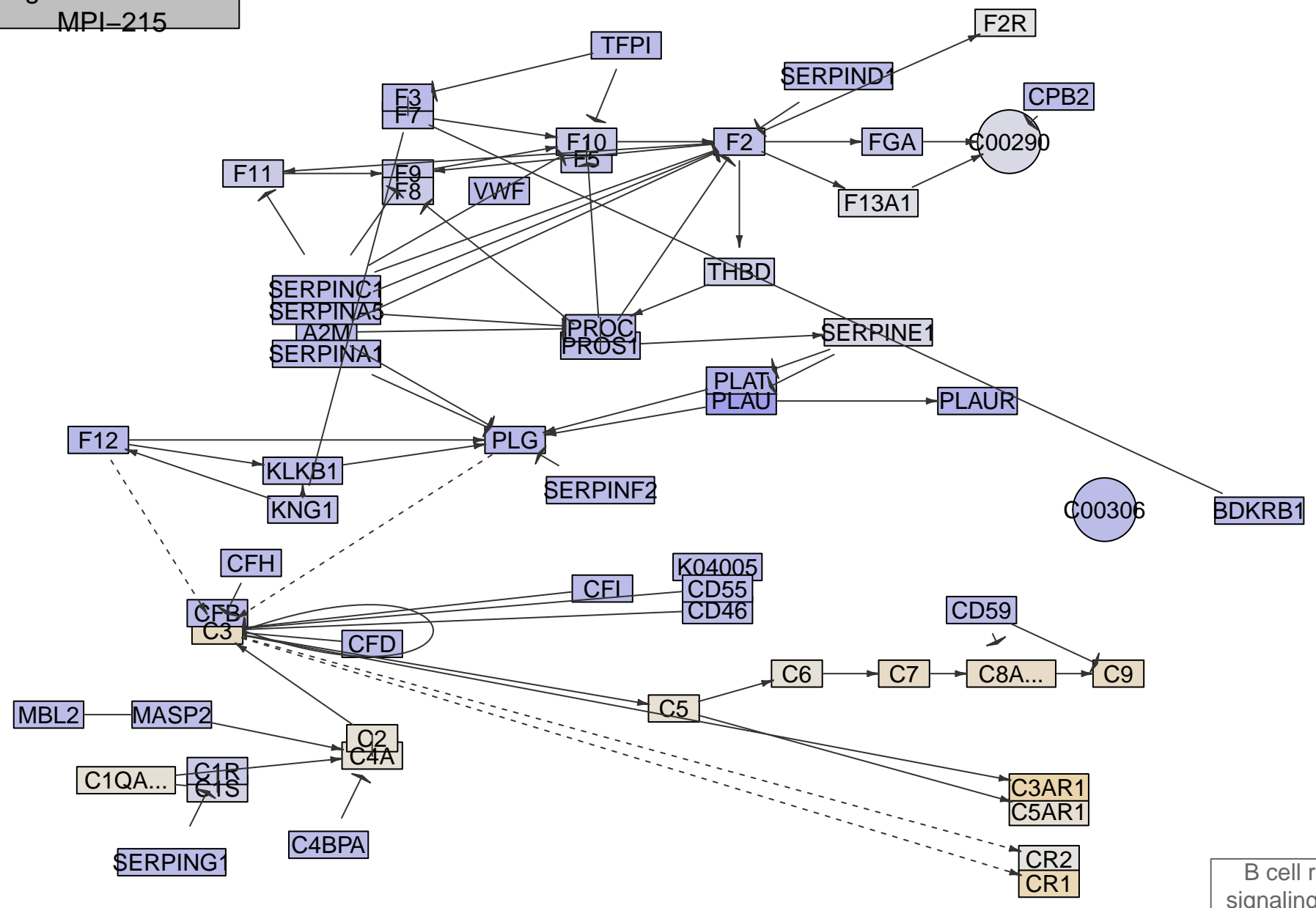


B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-213

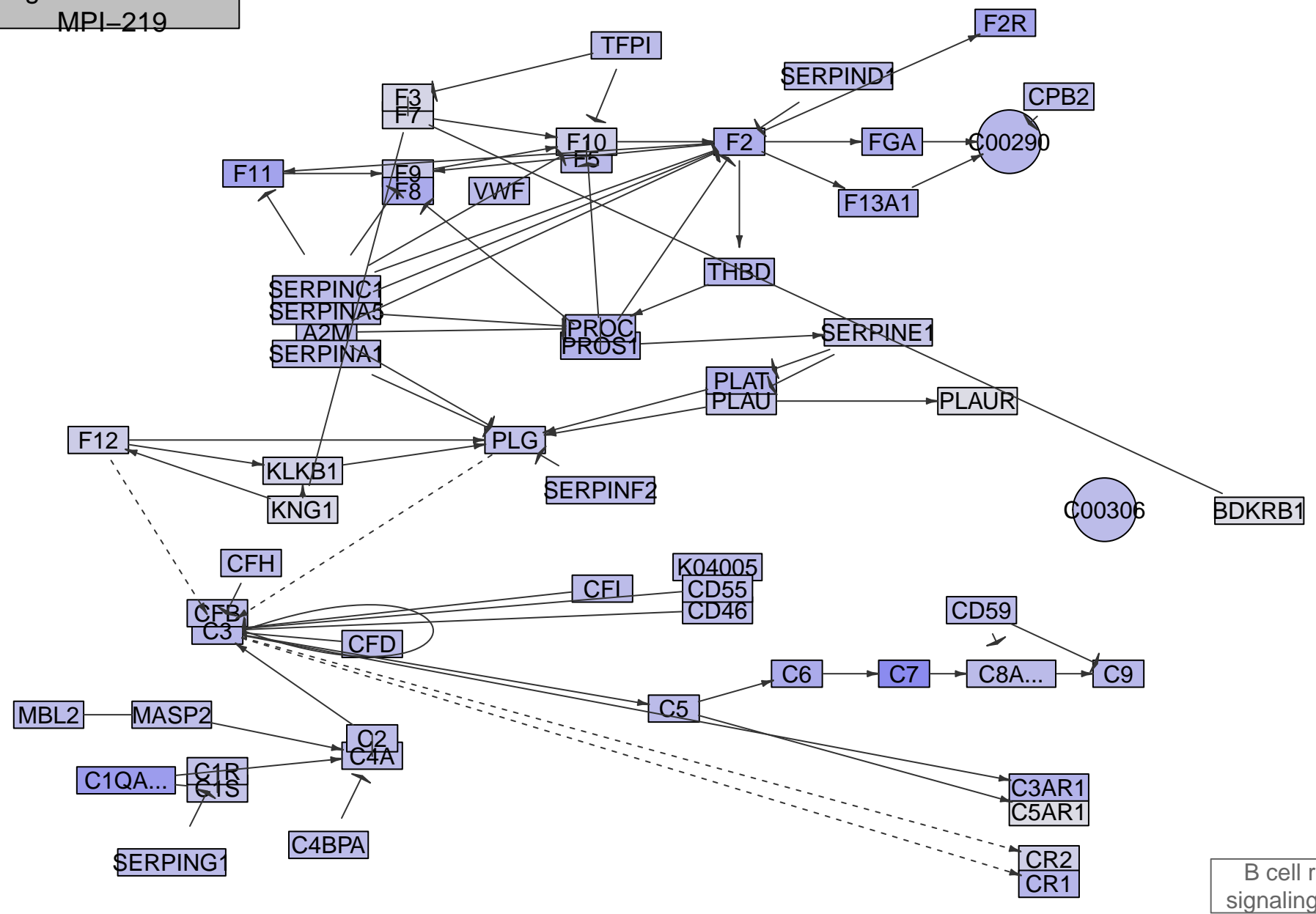


Complement and coagulation cascades
MPI-215



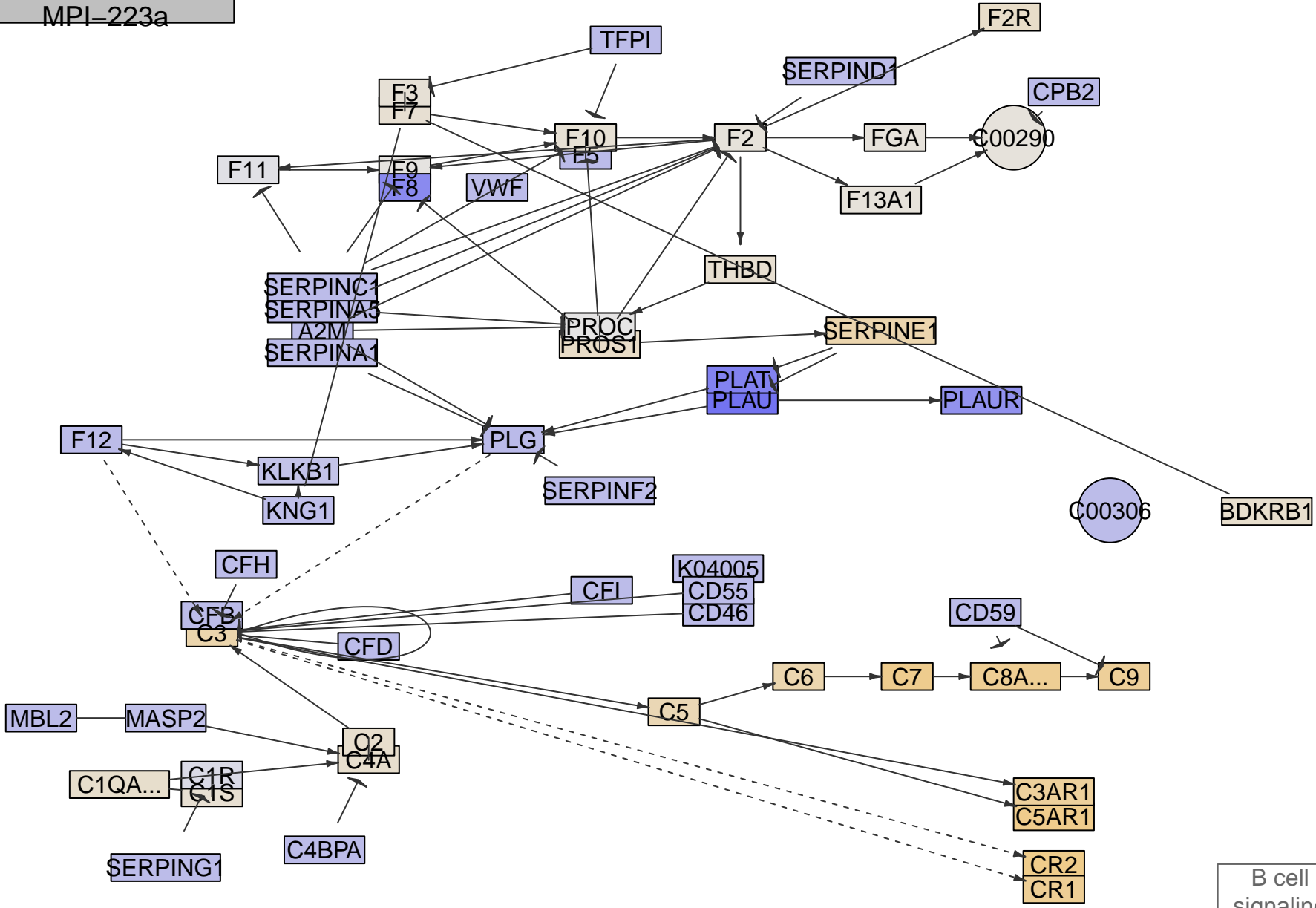
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-219



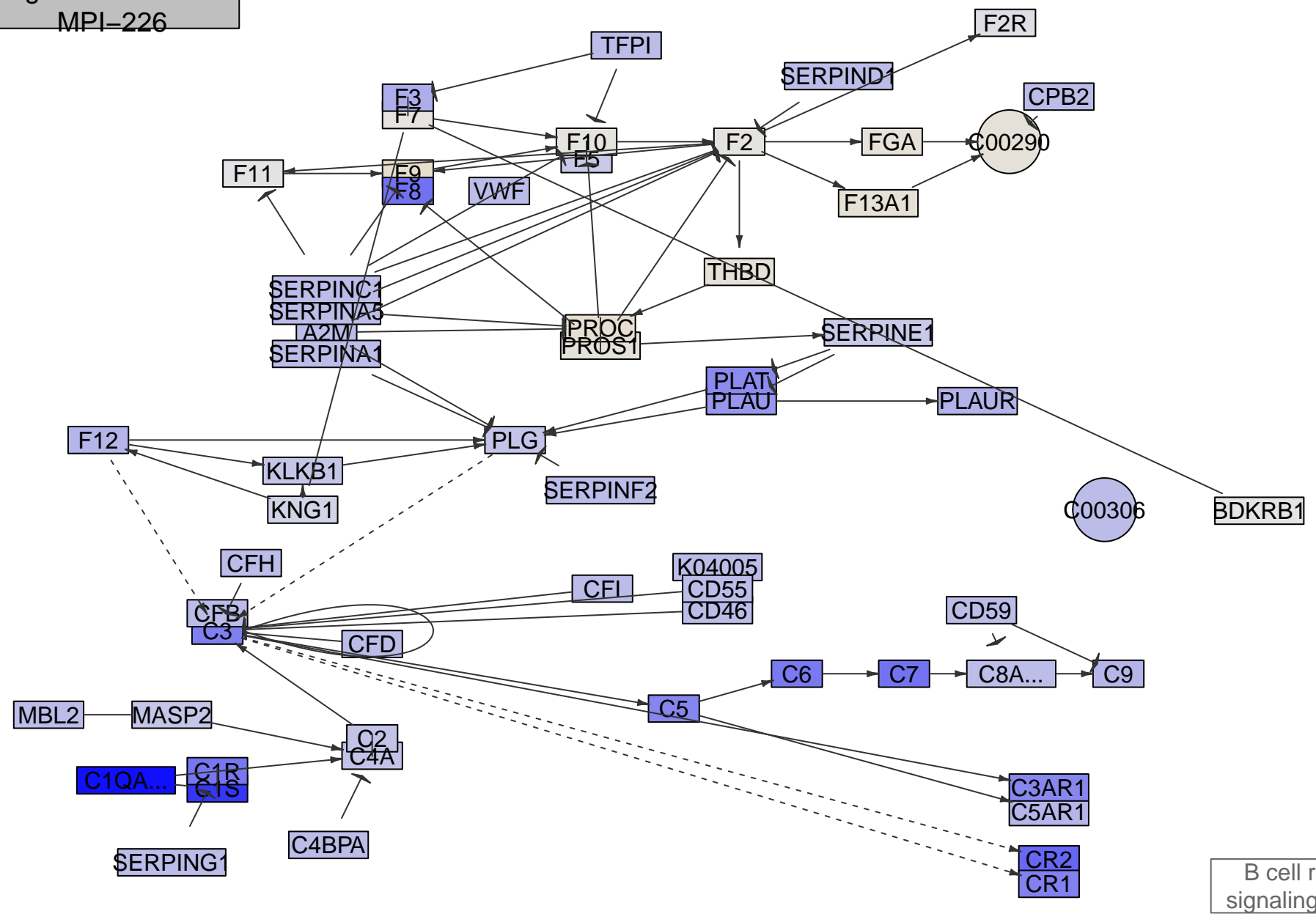
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-223a



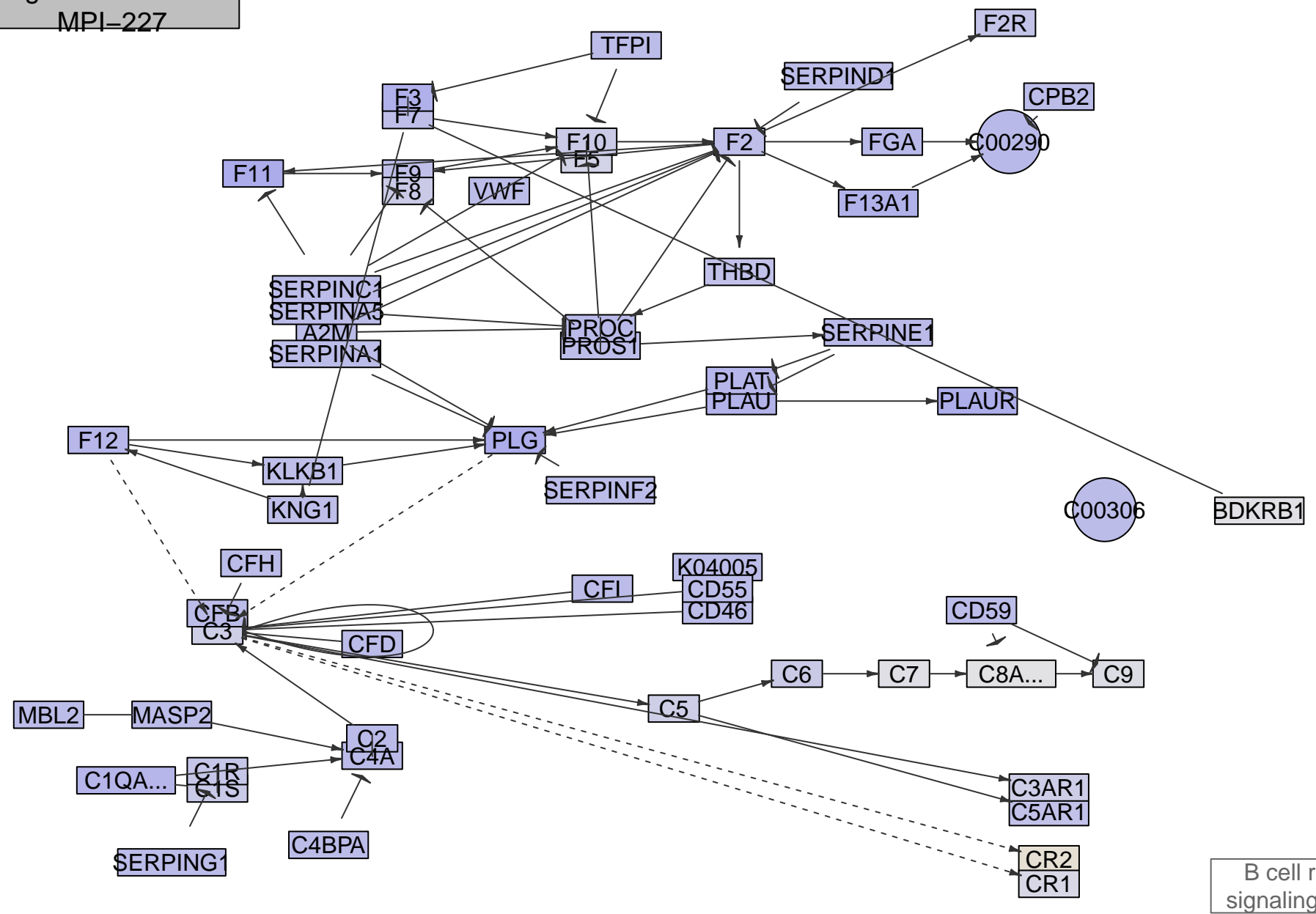
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-226



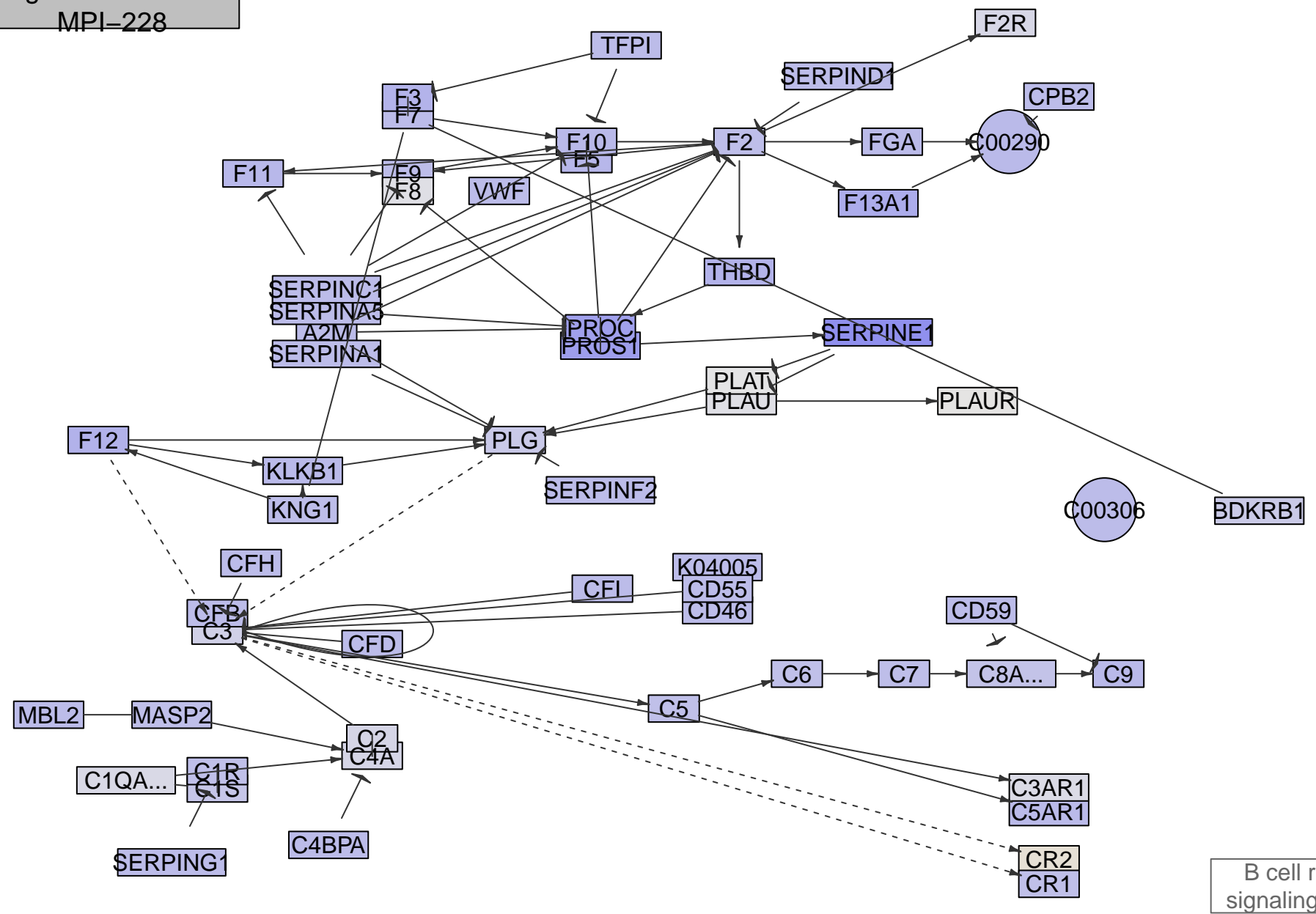
B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-227

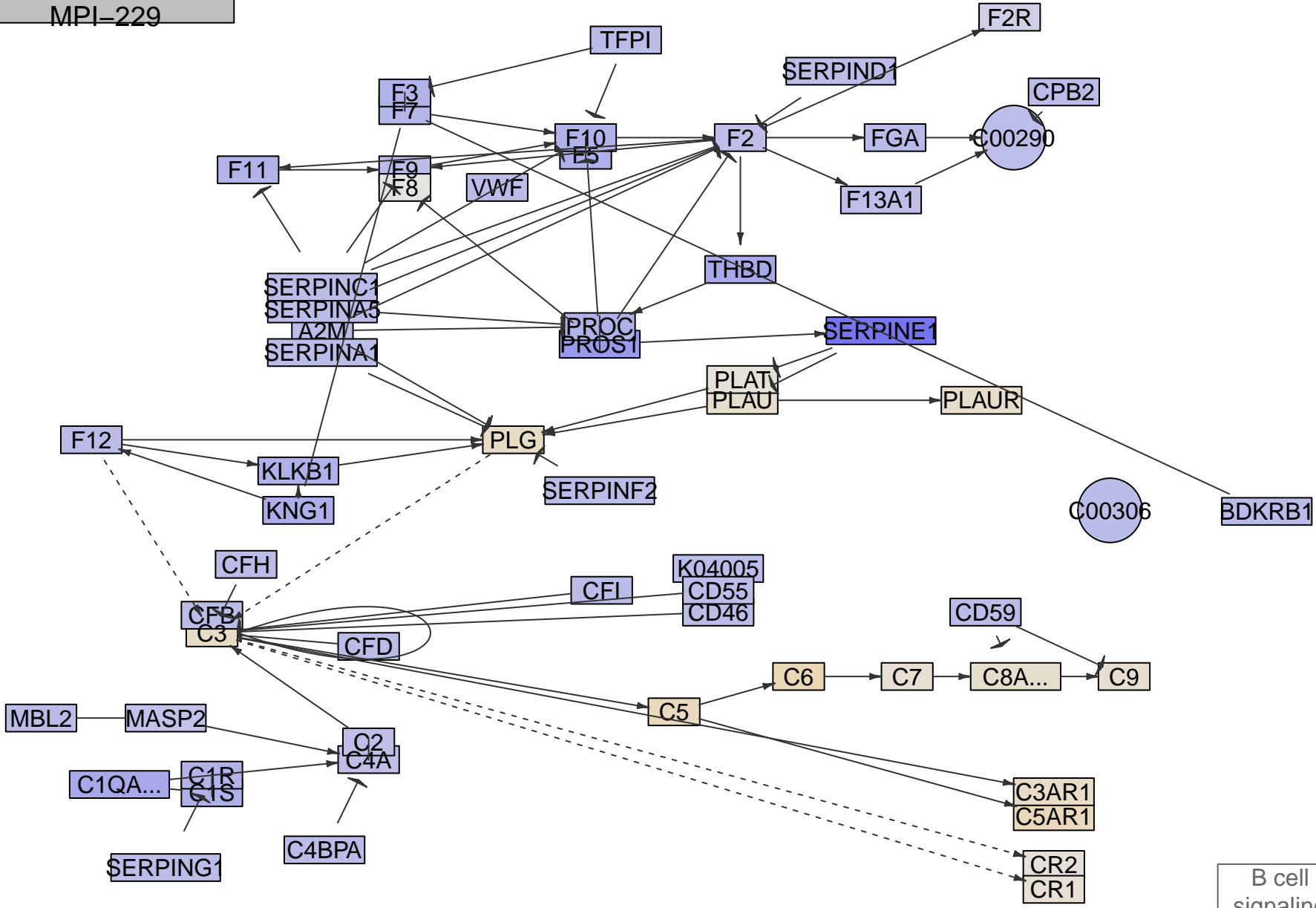


B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-228

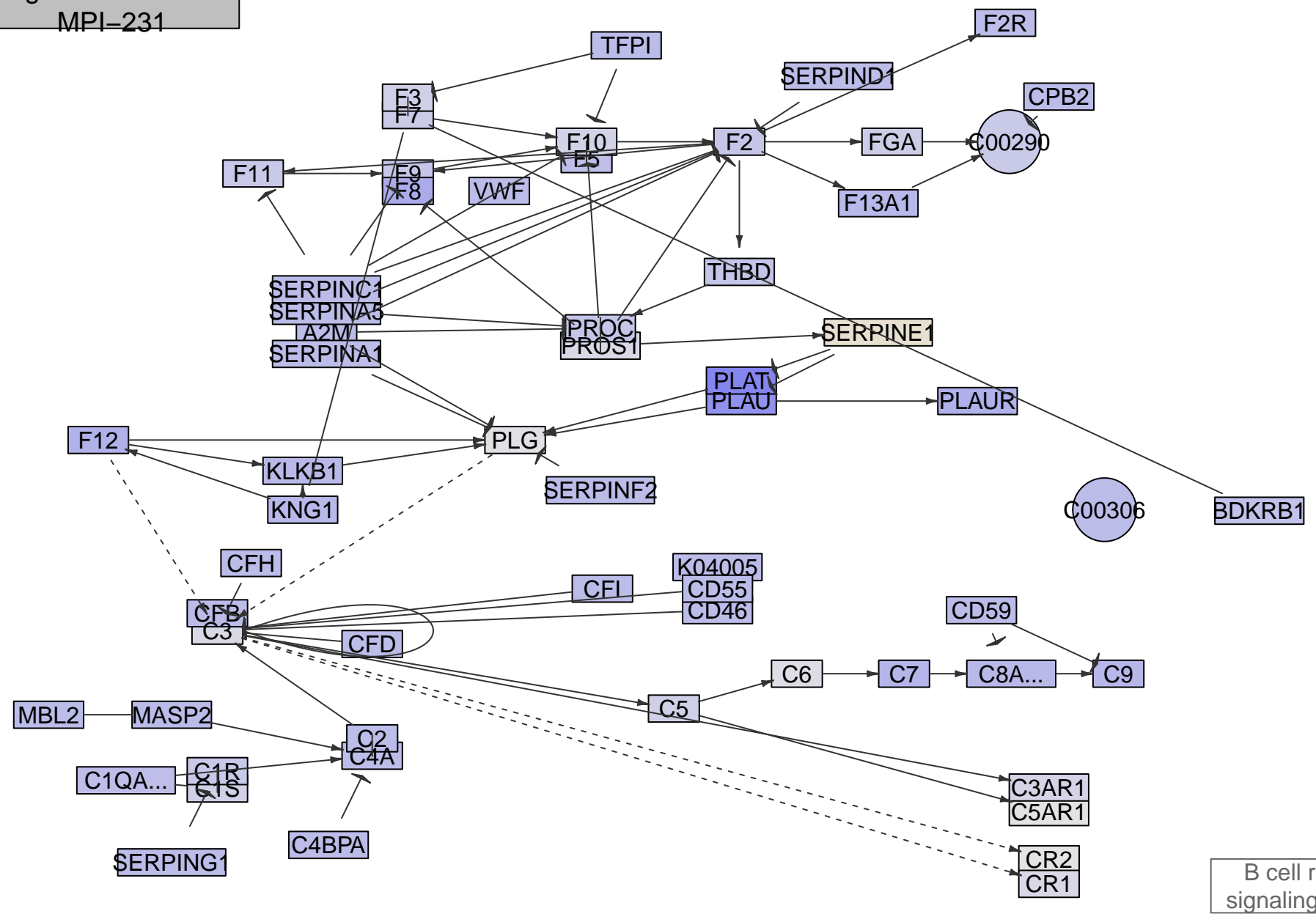


Complement and coagulation cascades
MPI-229

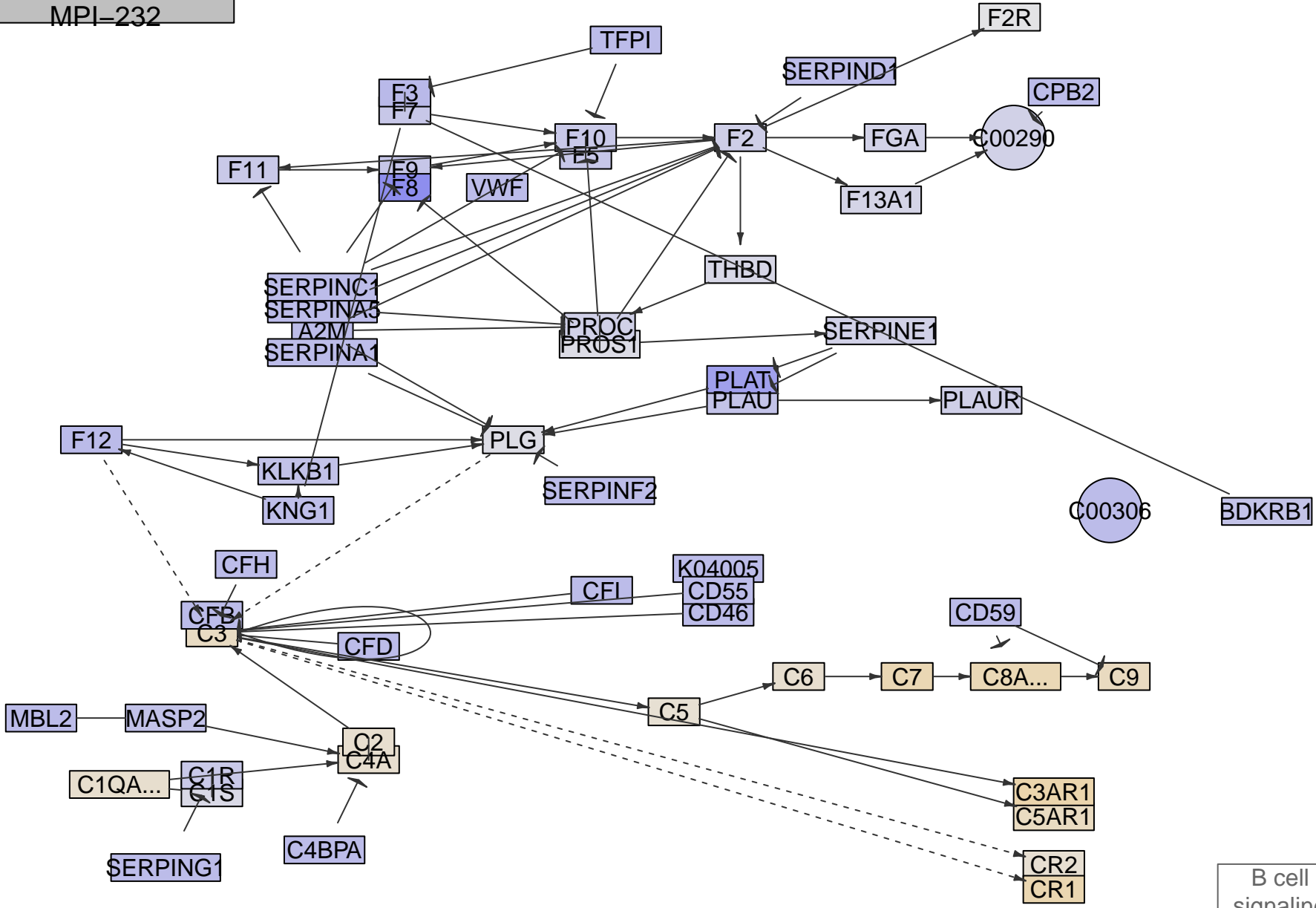


B cell receptor signaling pathway

Complement and coagulation cascades
MPI-231

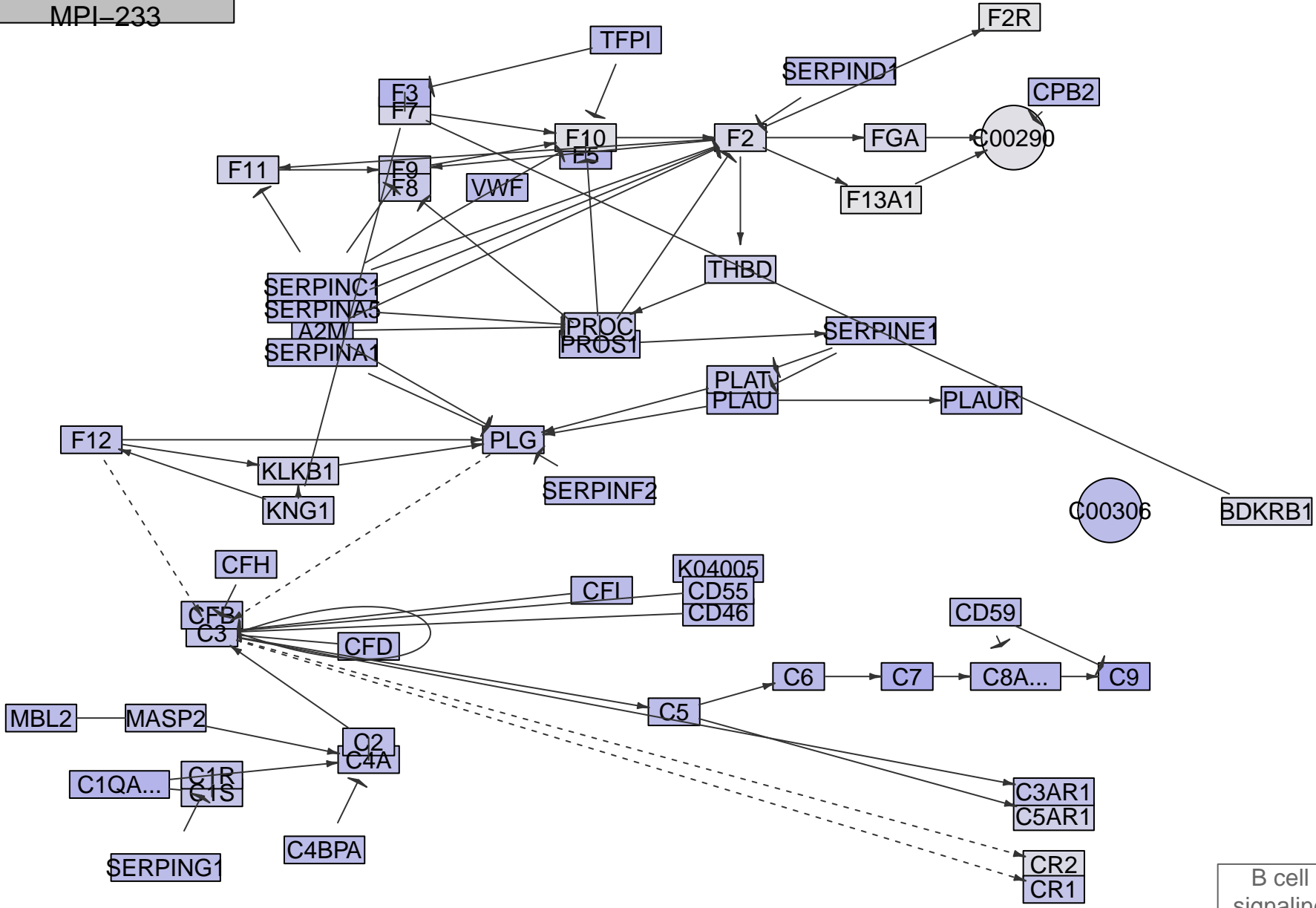


Complement and coagulation cascades
MPI-232



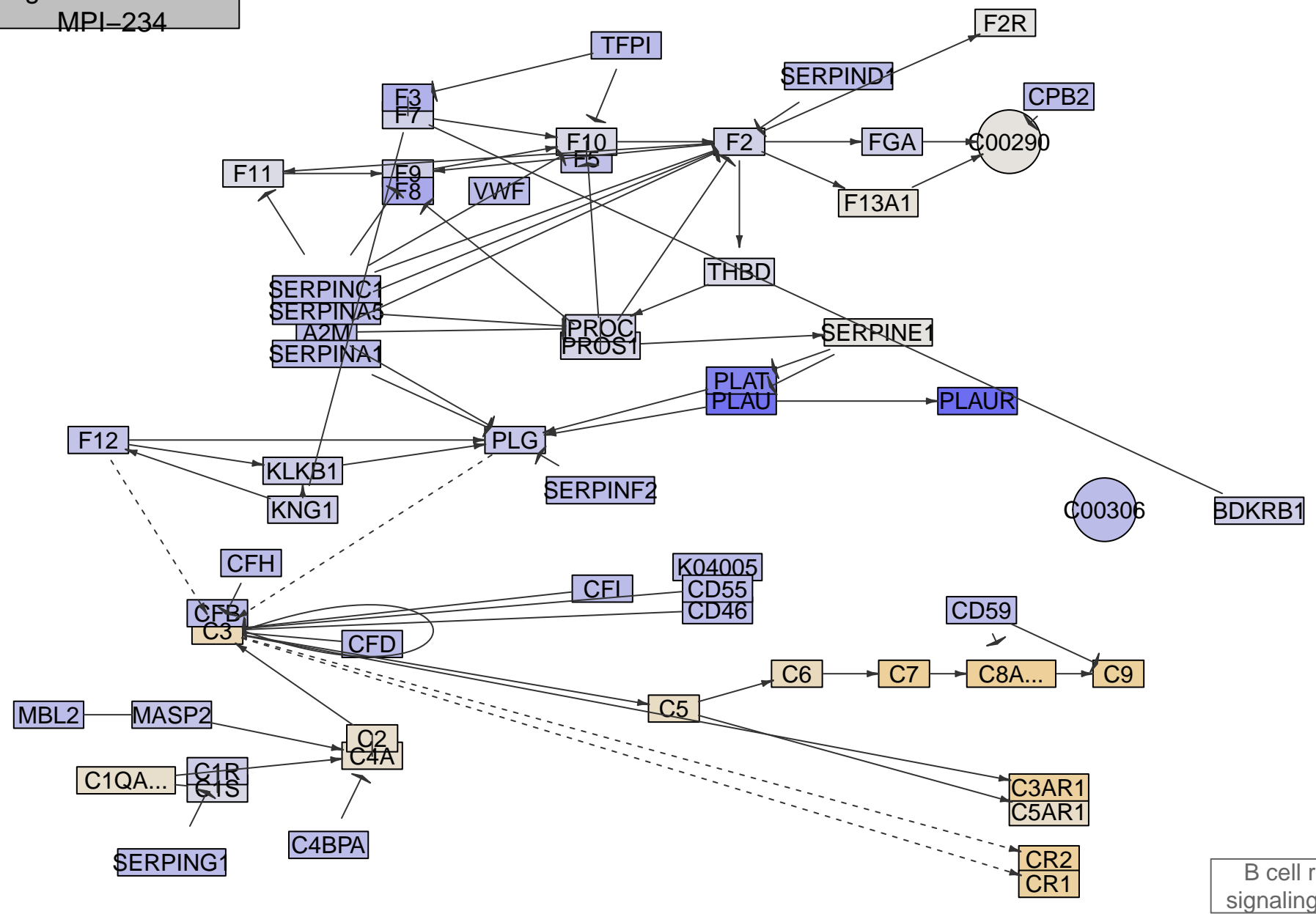
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-233



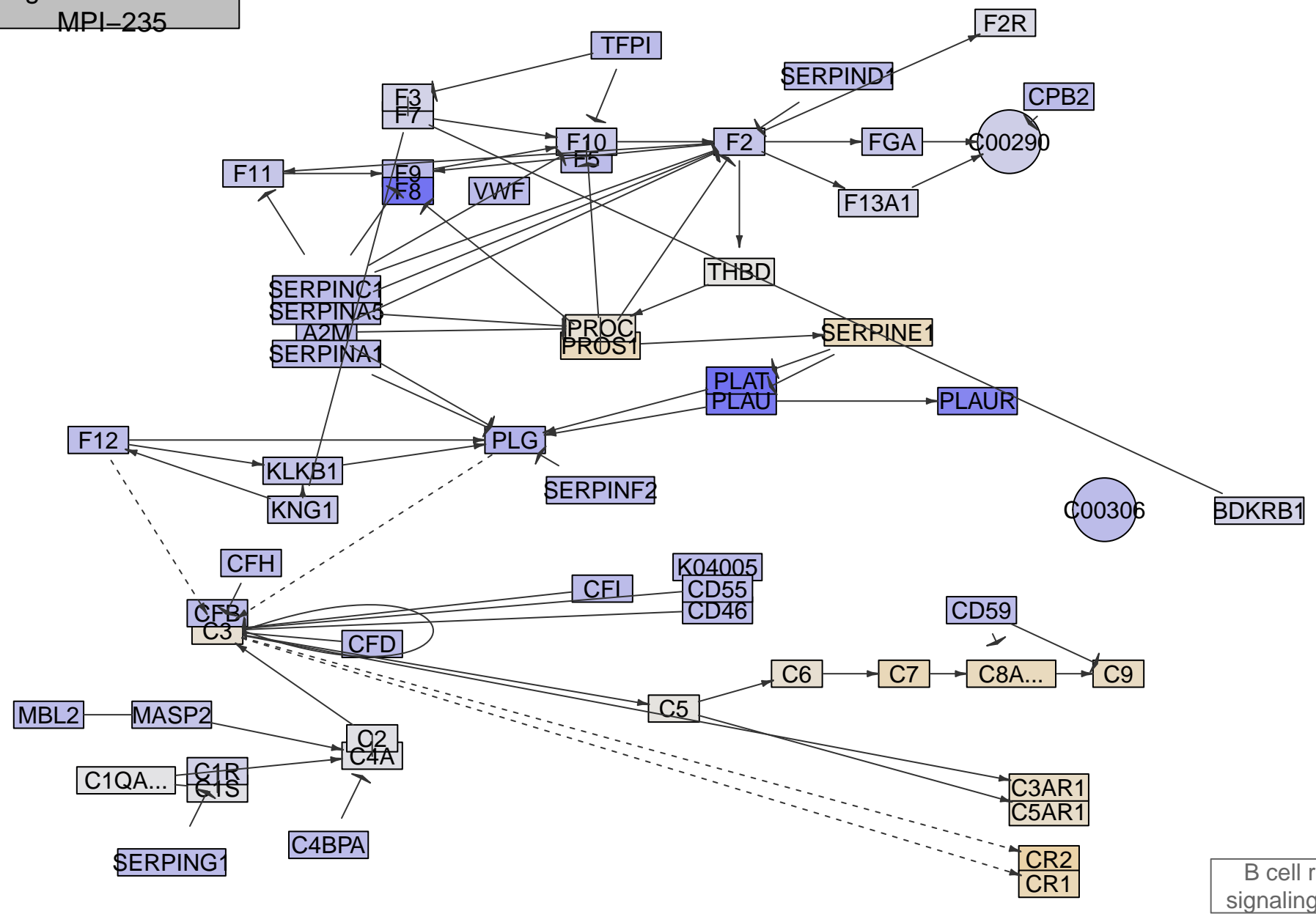
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-234



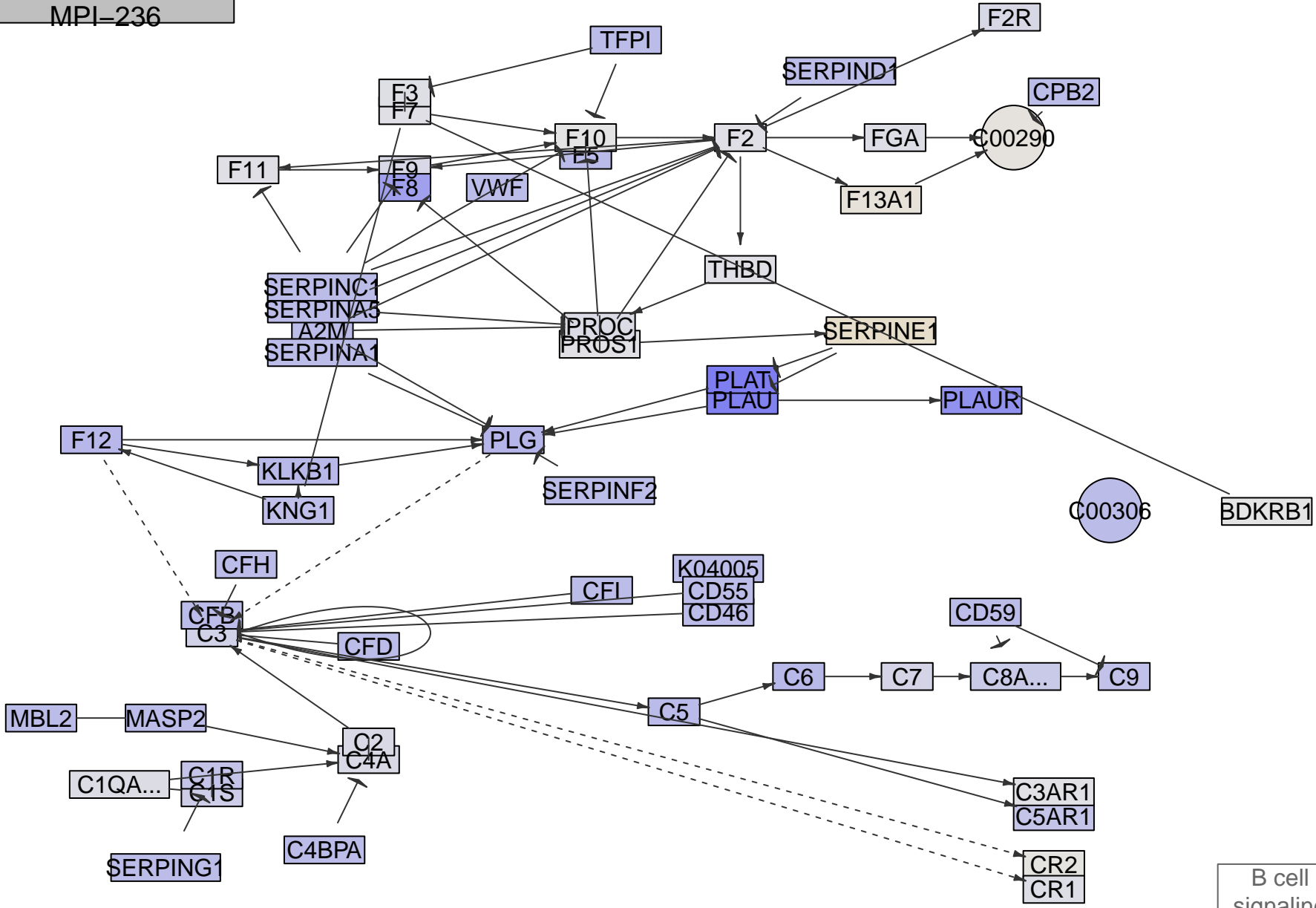
B cell receptor
signaling pathway

Complement and coagulation cascades
MPI-235



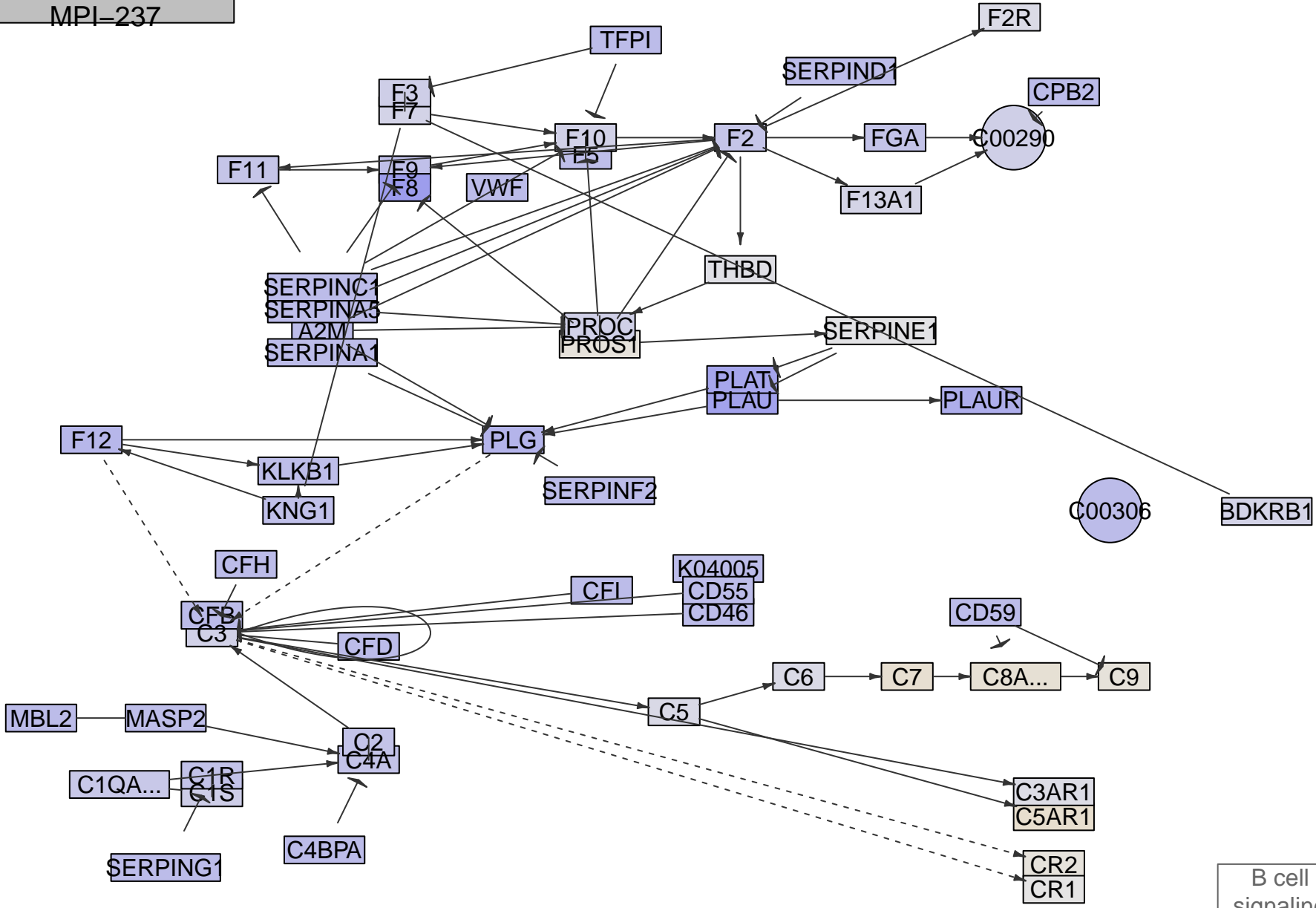
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-236



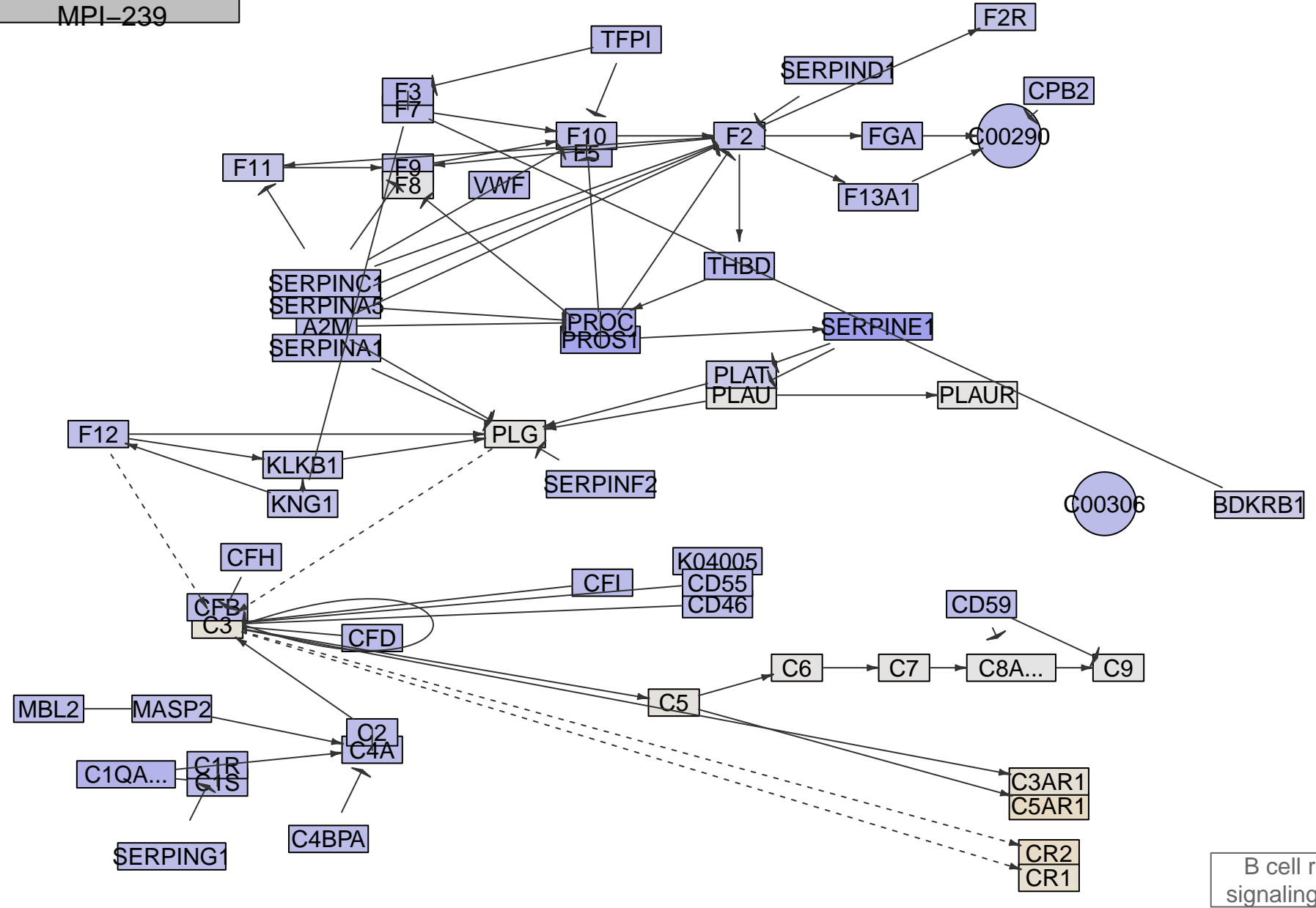
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-237

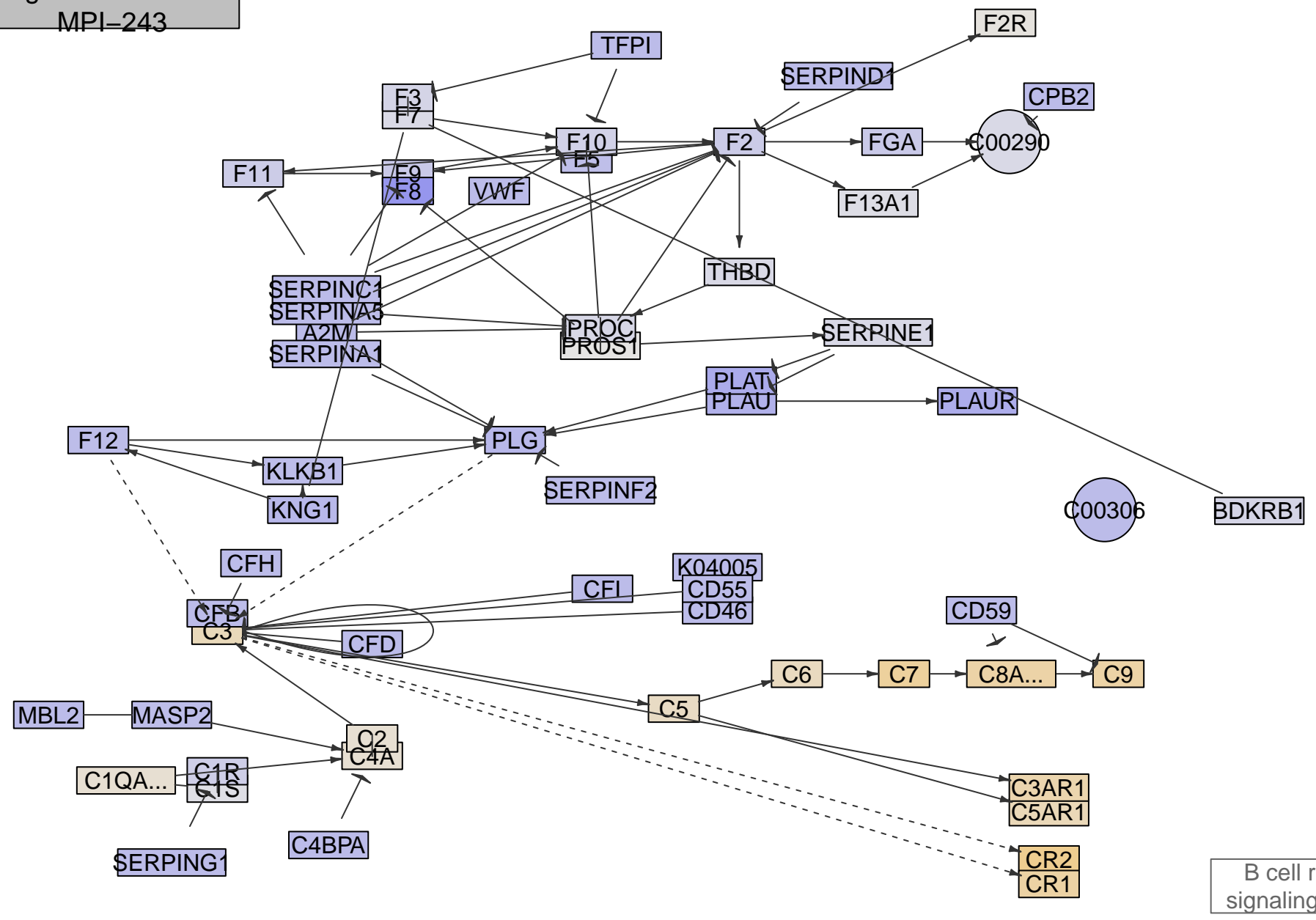


B cell receptor
signaling pathway

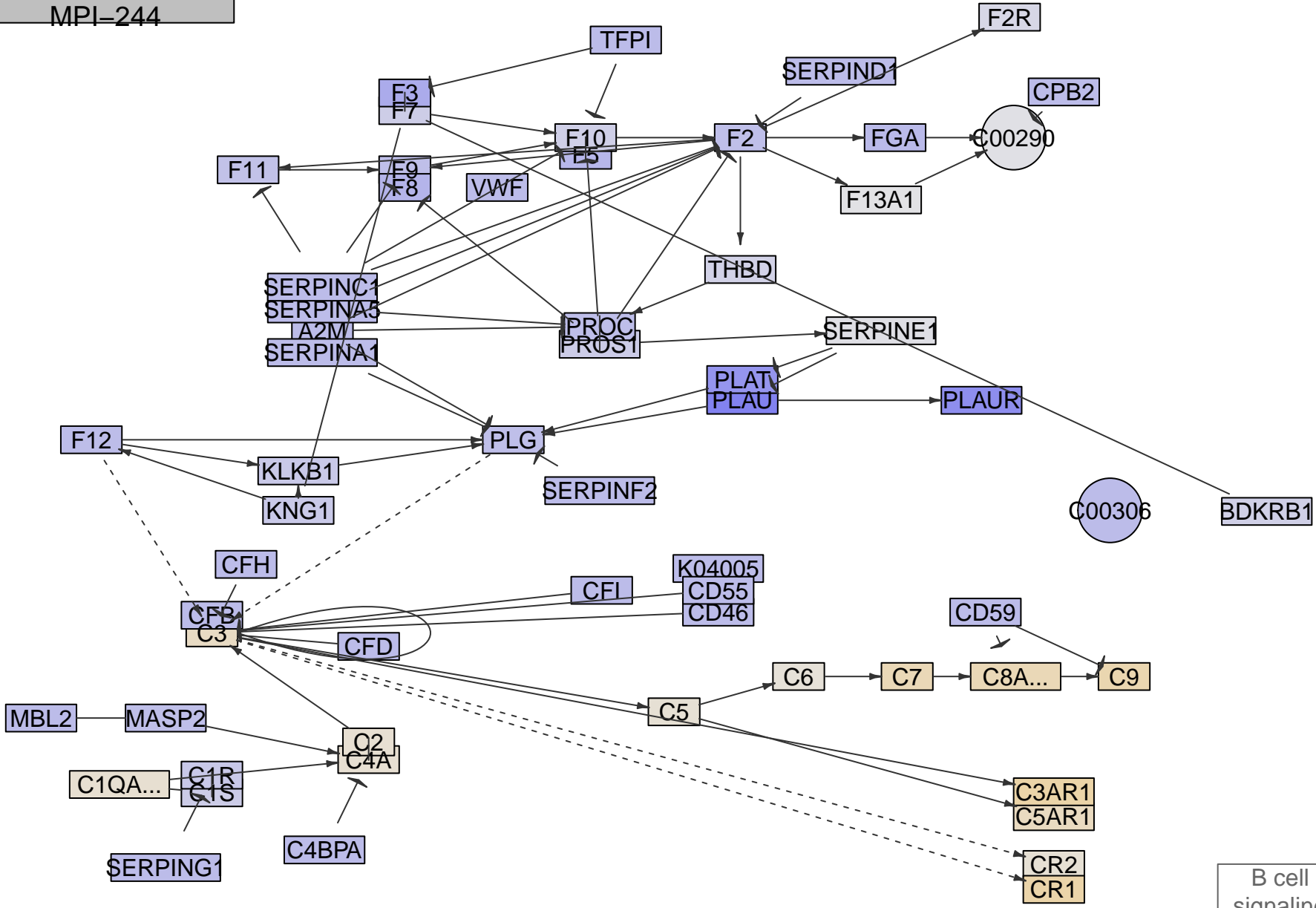
Complement and
coagulation cascades
MPI-239



Complement and coagulation cascades
MPI-243

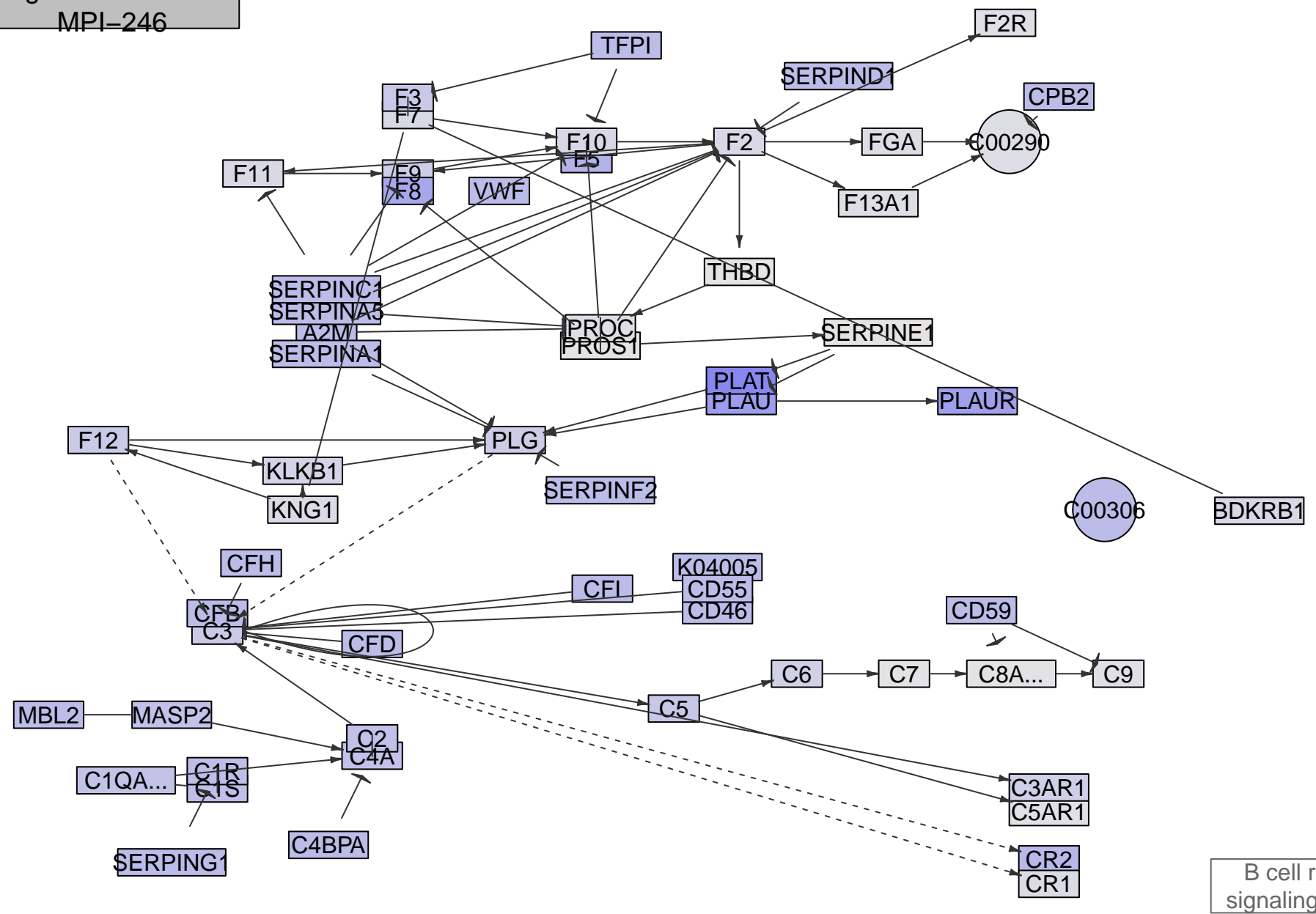


Complement and coagulation cascades
MPI-244



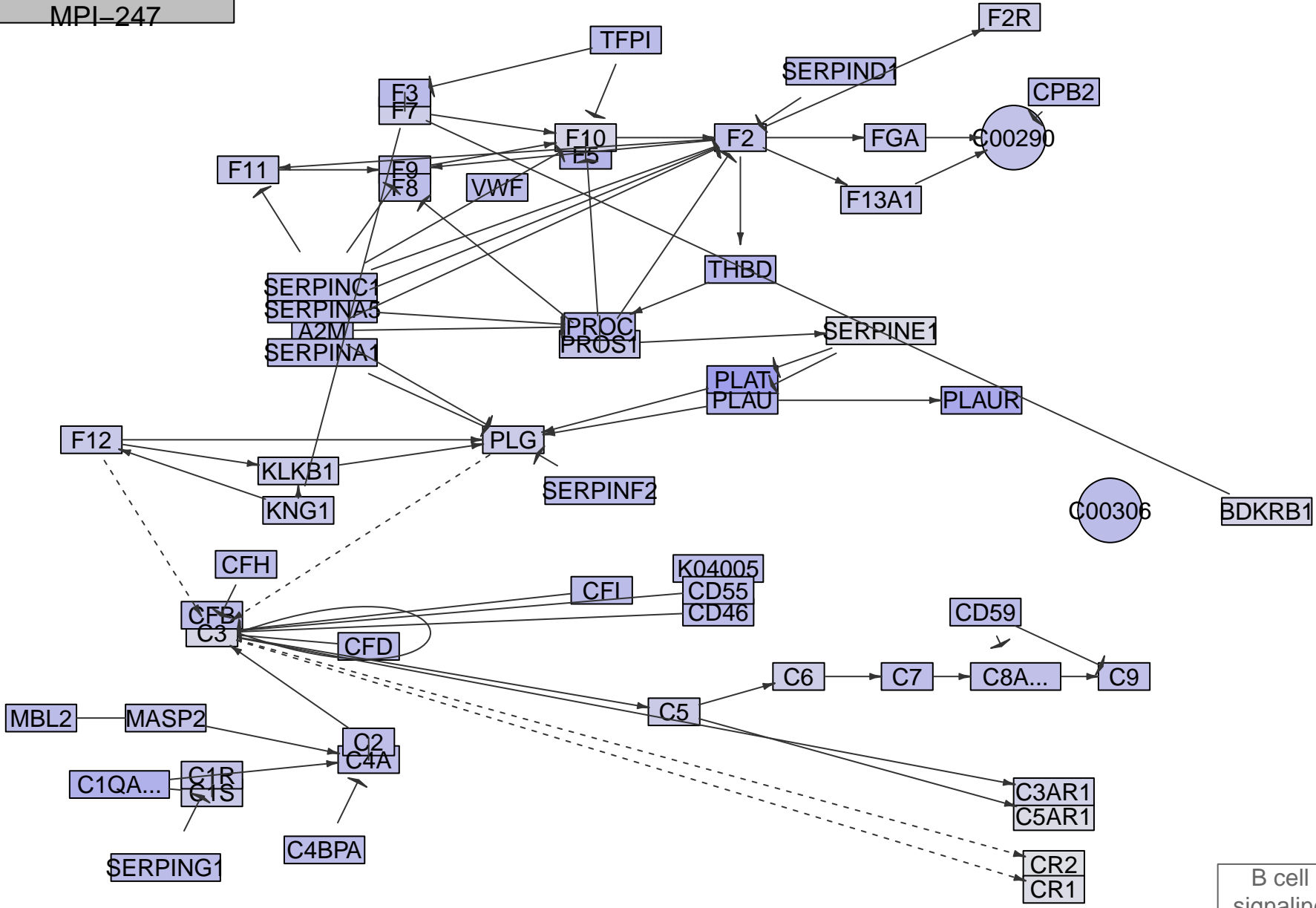
B cell receptor signaling pathway

Complement and coagulation cascades
MPI-246

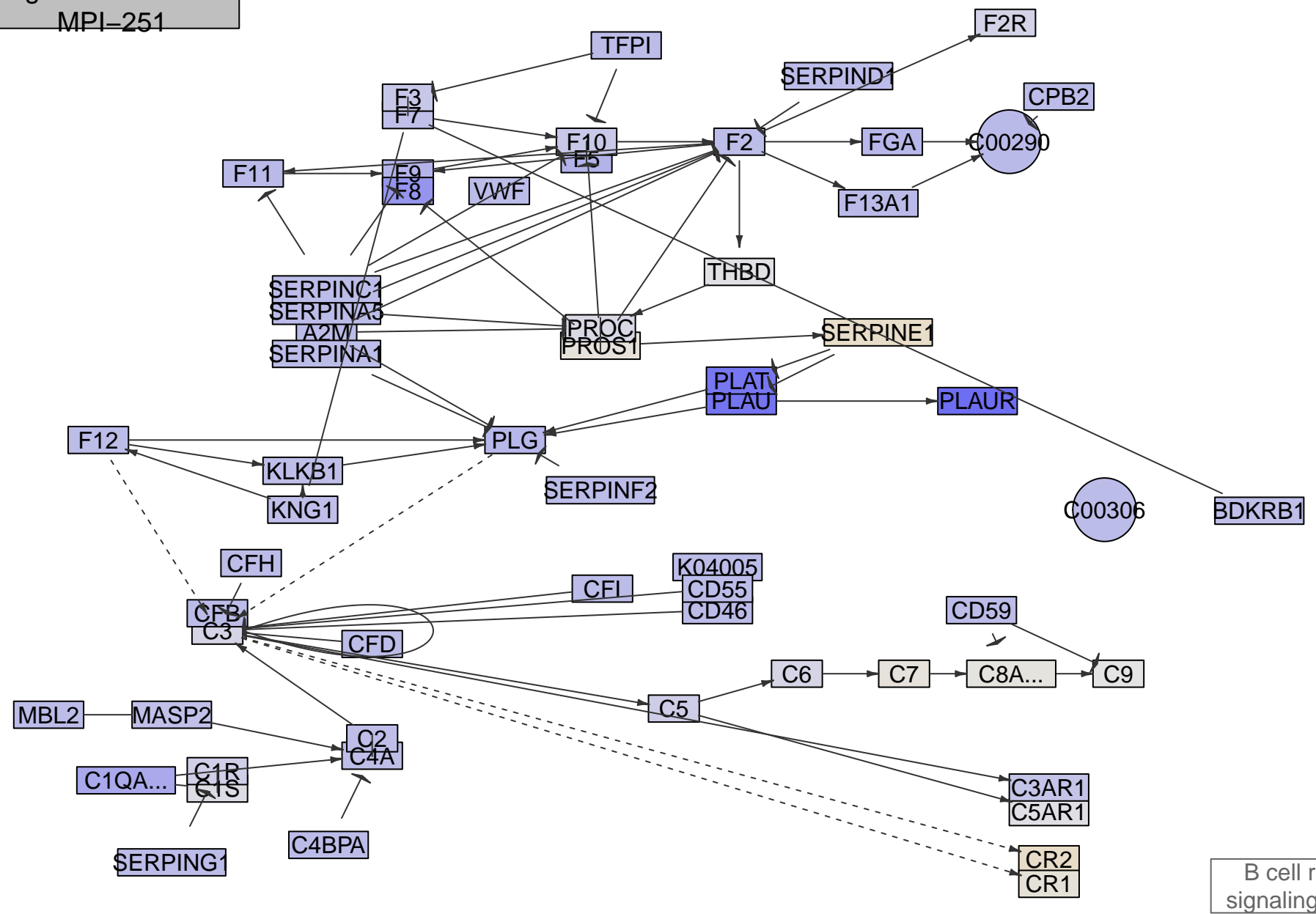


B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-247

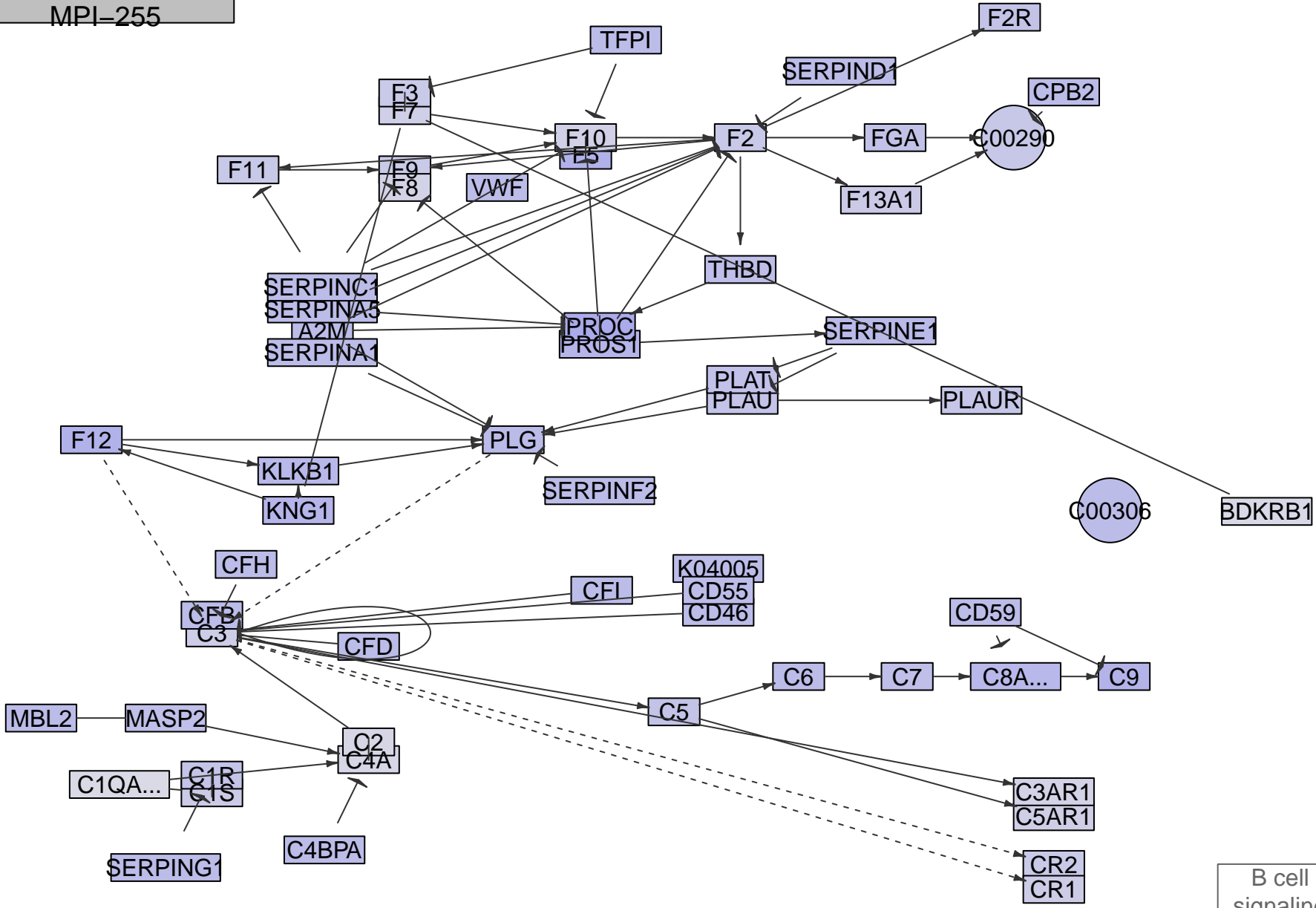


Complement and coagulation cascades
MPI-251



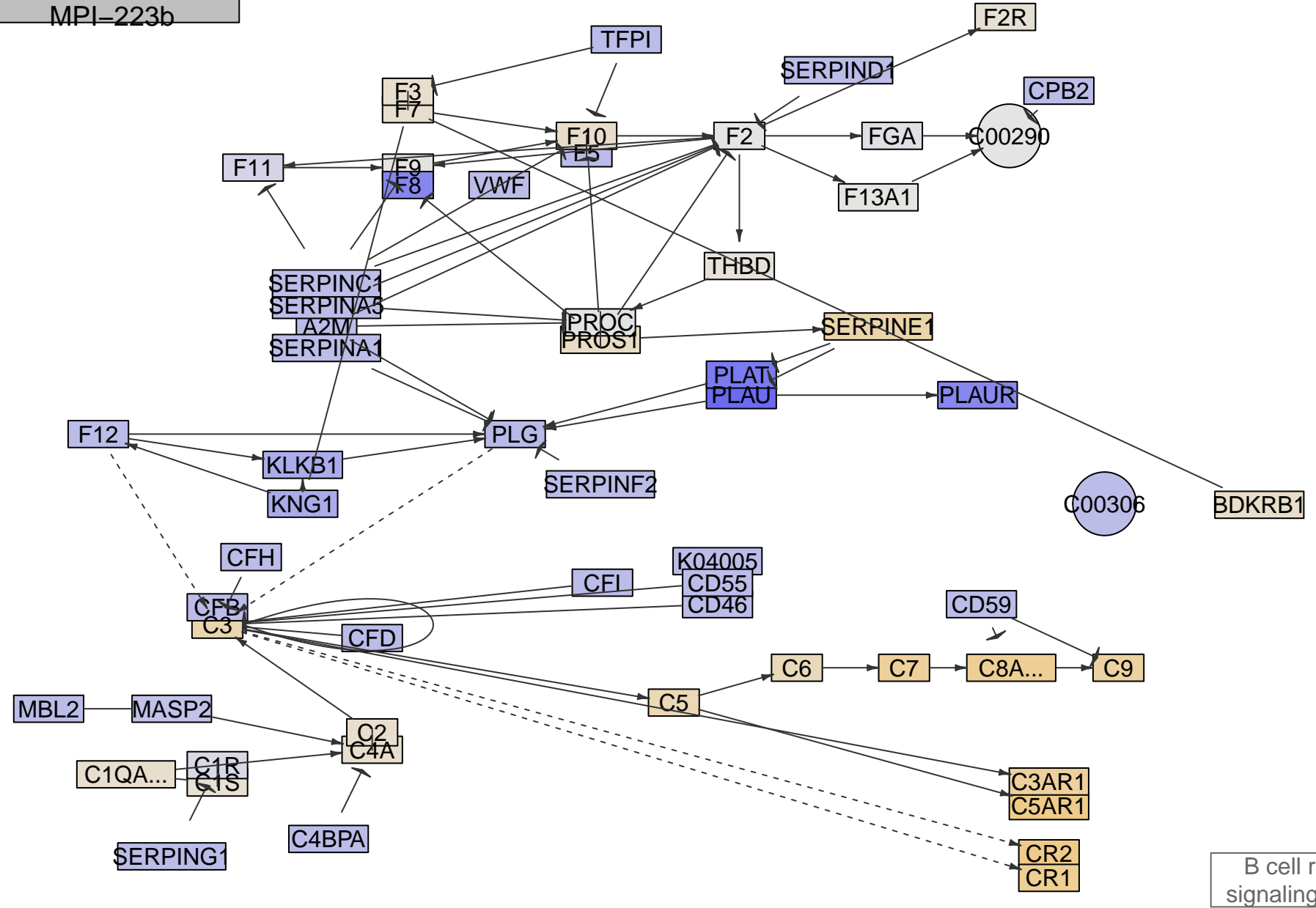
B cell receptor signaling pathway

Complement and
coagulation cascades
MPI-255



B cell receptor
signaling pathway

Complement and
coagulation cascades
MPI-223b



B cell receptor
signaling pathway